

Message

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 8/25/2016 10:16:18 PM
To: Bonifaci, Angela [Bonifaci.Angela@epa.gov]; Dunn, Ann [Dunn.Ann@epa.gov]; Castner, Chris [Castner.Chris@epa.gov]; Chang, Lisa [Chang.Lisa@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]; Hanft, Sally [Hanft.Sally@epa.gov]; Marshalonis, Dino [Marshalonis.Dino@epa.gov]; Rylko, Michael [Rylko.Michael@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Richter, Randy [Richter.Randy@epa.gov]; Whitaker, Melissa [Whitaker.Melissa@epa.gov]; Zachmann, Bill [Zachmann.Bill@epa.gov]
Subject: High Tide Line Report
Attachments: federalshorelinehabitat FINAL.pdf

Puget Sounders,

As Peter mentioned today at the meeting, the attached report should not be sent outside this Unit. Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Enjoy!

Susan Meyer
EPA Region 10
Puget Sound and National Estuary Programs
1200 6th Aveune, Suite 900
Seattle, Washington 98101-3140
206-553-1078
Meyer.susan@epa.gov

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 11/16/2015 3:37:12 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [Dean.Heather@epa.gov]
Sent: 5/3/2016 11:04:56 PM
To: Dean, Heather [Dean.Heather@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: Get Input on Northwest Indian Fisheries Commission Letter on High Tide Line
Location: Heather will call you.
Start: 5/3/2016 11:30:00 PM
End: 5/3/2016 11:45:00 PM
Show Time As: Tentative

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 6/28/2016 4:06:09 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: Can you call me to discuss HTL

Start: 6/28/2016 4:30:00 PM
End: 6/28/2016 5:00:00 PM
Show Time As: Tentative

Appointment

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 9/2/2016 5:21:54 PM
To: Allnutt, David [Allnutt.David@epa.gov]
Subject: Puget Sound/HTL discussion
Location: 21-D
Start: 9/13/2016 6:00:00 PM
End: 9/13/2016 7:00:00 PM
Show Time As: Busy

Appointment

From: Murchie, Peter [Murchie.Peter@epa.gov]
Sent: 4/25/2016 6:38:50 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: HTL Next Steps
Location: David's Office (may have to call Peter on his cell)
Start: 4/26/2016 11:30:00 PM
End: 4/27/2016
Show Time As: Busy

Appointment

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 4/25/2016 7:49:52 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Accepted: HTL Next Steps
Location: David's Office (may have to call Peter on his cell)
Start: 4/26/2016 11:00:00 PM
End: 4/26/2016 11:30:00 PM
Show Time As: Busy

Appointment

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 4/26/2016 10:43:05 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Accepted: HTL Next Steps
Location: David's Office (may have to call Peter on his cell)
Start: 4/26/2016 11:30:00 PM
End: 4/27/2016
Show Time As: Busy

Appointment

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 8/19/2016 8:12:26 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Accepted: Call in to USACE/NOAA discussion of HTL recommendation
Location: David's office I will bring in the call in number
Start: 8/22/2016 8:00:00 PM
End: 8/22/2016 9:00:00 PM
Show Time As: Busy

Appointment

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 11/16/2015 4:58:04 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

Message

From: Dean, Heather [Dean.Heather@epa.gov]
Sent: 11/13/2014 5:51:21 PM
To: DeGering, Tracy [DeGering.Tracy@epa.gov]; Nadeau, Tracie [Nadeau.Tracie@epa.gov]; Storm, Linda [Storm.Linda@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]
CC: Allnutt, David [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]
Subject: Draft WOTUS Comments: TNWs-MHHW vs. HTL
Attachments: Att 2-TNWs-12 Nov 14.doc

So close now! This attachment has the first of two comments on TNWs, related to the Seattle District's use of MHHW instead of HTL for non-wetland tidal WOTUS. I intend to send the LAST DRAFT (i.e., the second TNW comment, on floatplanes) later tonight.

Given the relatively narrow topics, some of you can probably feel "off the hook," but thanks in advance for whatever comments you have.

Heather

Appointment

From: Murchie, Peter [Murchie.Peter@epa.gov]
Sent: 4/25/2016 6:38:50 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: HTL Next Steps
Location: David's Office (may have to call Peter on his cell)
Start: 4/26/2016 11:30:00 PM
End: 4/27/2016
Show Time As: Busy

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 11/16/2015 3:37:12 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Attachments: Q&A Support Doc-Updated 16 Nov 15.xlsx; Draft Q&A.docx; HTLvsMHHW.xlsx; What is the HTL-Updated 16 Nov 15.docx
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

I understand that there is a Tribal Treaty Rights at Risk meeting scheduled for early December in DC. My understanding is that Tribes want to raise the High Tide Line issue at that meeting. It would be good to understand what ARU has been doing regarding this issue per direction from Dennis.

I know the meeting is early, but only time that looked open for folks this week.

Materials for the meeting:

[What is the HTL-Updated 16 Nov 15.docx](#) [HTLvsMHHW.xlsx](#) [Draft Q&A.docx](#) [Q&A Support Doc-Updated 16 Nov 15.xlsx](#)

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



Message

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 9/16/2015 2:51:40 PM
To: Allnutt, David [Allnutt.David@epa.gov]
Subject: FW: HTL Options Paper
Attachments: Determining High Tide Line.docx

FYI – per our conversation.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
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Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Dean, Heather
Sent: Monday, September 14, 2015 10:50 AM
To: Szerlog, Michael
Subject: HTL Options Paper

Forgot to attached the revised version when I responded earlier.

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 2/12/2016 8:12:24 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
CC: Opalski, Dan [Opalski.Dan@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: Re: note for Dennis on HTL process

Peter,

Great job. A few comments. 1) after high tide line you put (HAT) Instead of (HTL). 2) please mention that I continue to work the issue nationally and have call with EPA headquarters next week. That our regional work is helping to inform national discussion and vise versa.

Sent from my iPhone

On Feb 12, 2016, at 9:33 AM, Murchie, Peter <Murchie.Peter@epa.gov> wrote:

Michael (Dan and David),

See below a draft very rough message to Dennis (Dan and David) with an update on the High Tide Line process with USACE/NOAA and us. Take a look and make any changes you think appropriate. After your review I can send on to Dennis tonight/over the weekend.

Dennis,

We wanted to give you an update on the process/progress on the High Tide Line (HAT) TRAR issue we are working on with USACE and NOAA.

As you know Col Buck has tasked Jim Jacobsen to convene/lead a cross Agency working group. We have had two meetings - one phone a few weeks ago and one in person this past Wednesday. We have a draft management plan (action plan) for moving this forward to resolution and a strong set of managers and staff from USACE, NOAA and EPA working on the technical, legal and implementation assessment. From EPA's perspective we have been feeling good about the process and what seems to be an openness on the part of the Corps to finding a solution that

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thank you,
Peter and Michael

<image001.png>

Peter Murchie, Manager
Puget Sound and National Estuary Programs
U.S. EPA, Region 10
1200 Sixth Avenue
Seattle, Washington 98101-3140
(206) 553-1148
murchie.peter@epa.gov
<http://www.epa.gov/puget-sound>

<image002.png> <image003.png> <image004.png> <image005.png> <image006.png><image007.png>

Message

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 9/13/2016 3:12:20 PM
To: Allnutt, David [Allnutt.David@epa.gov]
CC: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: HTL report
Attachments: **Deliberative Process / Ex. 5**

David,

Here is the report and the text from the executive summary. **Deliberative Process / Ex. 5**

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5 Thanks.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit

Office of Environmental Review and Assessment

Environmental Protection Agency

1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2

Seattle, Washington 98101

(206) 553-0279

szerlog.michael@epa.gov



Message

From: Dean, Heather [Dean.Heather@epa.gov]
Sent: 9/1/2016 3:18:13 PM
To: Allnutt, David [Allnutt.David@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]
CC: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Revised HTL Briefing Paper for Dennis
Attachments: RA Briefing-HTL vs MHHW-ms,es,sm edits.docx

Good morning, gentlemen.

If you haven't already started reviewing the paper I sent yesterday, look at this one, instead. It incorporates a few edits from Endre & Susan.

Message

From: Murchie, Peter [Murchie.Peter@epa.gov]
Sent: 9/1/2016 3:51:39 AM
To: Allnutt, David [Allnutt.David@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]
CC: Opalski, Dan [Opalski.Dan@epa.gov]
Subject: Re: draft talking points for Dennis to use when calling Col Buck about HTL - for your review

That was not a well structured email. I meant to say **Deliberative Process / Ex. 5**
Deliberative Process / Ex. 5 Apologies for that.

Thank you for clarifying with Dennis.

Peter

From: Allnutt, David
Sent: Wednesday, August 31, 2016 6:06:53 PM
To: Szerlog, Michael; Murchie, Peter
Cc: Opalski, Dan
Subject: RE: draft talking points for Dennis to use when calling Col Buck about HTL - for your review

I was with Dennis on the ferry when he received the talking points. **Deliberative Process / Ex. 5**

Deliberative Process / Ex. 5



R. David Allnutt, Director
Office of Environmental Review and Assessment
U.S. EPA, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140
(206) 553-2581



From: Szerlog, Michael
Sent: Wednesday, August 31, 2016 4:16 PM
To: Murchie, Peter <Murchie.Peter@epa.gov>
Cc: Allnutt, David <Allnutt.David@epa.gov>; Opalski, Dan <Opalski.Dan@epa.gov>
Subject: Re: draft talking points for Dennis to use when calling Col Buck about HTL - for your review

These all look good to me.

Deliberative Process / Ex. 5

Sent from my iPhone

On Aug 31, 2016, at 8:21 AM, Murchie, Peter <Murchie.Peter@epa.gov> wrote:

Michael, David and Dan,

Find below draft talking points for Dennis to use when calling Col Buck about the HTL process/next steps. Dennis asked for these and said he would call Col Buck who is back in Seattle this week. Please edit/improve this morning if you can so we can get this to Dennis so he can call today or tomorrow.

Deliberative Process / Ex. 5

<image001.png>

Peter Murchie, Manager
Puget Sound and National Estuary Programs
U.S. EPA, Region 10
1200 Sixth Avenue
Seattle, Washington 98101-3140
(206) 553-1148
murchie.peter@epa.gov
<http://www.epa.gov/puget-sound>

<image002.png> <image003.png> <image004.png> <image005.png> <image006.png><image007.png>

Message

From: Murchie, Peter [Murchie.Peter@epa.gov]
Sent: 8/31/2016 11:09:12 PM
To: McLerran, Dennis [mclerran.dennis@epa.gov]
CC: Opalski, Dan [Opalski.Dan@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: Fwd: draft talking points for Dennis to use when calling Col Buck about HTL - for your review

Dennis

Find below suggested talking points. David and Michael may have other suggestions but wanted to get these to you in case you have time tomorrow or Friday to talk with COL Buck.

Thank you,
Peter

Peter Murchie
Manager
Puget Sound and NEP Programs
USEPA Region 10
murchie.peter@epa.gov
206-553-1148 w
206-419-0804 c

Begin forwarded message:

From: "Murchie, Peter" <Murchie.Peter@epa.gov>
Date: August 31, 2016 at 8:21:12 AM PDT
To: "Szerlog, Michael" <Szerlog.Michael@epa.gov>, "Allnutt, David" <Allnutt.David@epa.gov>, "Opalski, Dan" <Opalski.Dan@epa.gov>
Subject: draft talking points for Dennis to use when calling Col Buck about HTL - for your review

Michael, David and Dan,
Find below draft talking points for Dennis to use when calling Col Buck about the HTL process/next steps. Dennis asked for these and said he would call Col Buck who is back in Seattle this week. Please edit/improve this morning if you can so we can get this to Dennis so he can call today or tomorrow.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5



Peter Murchie, Manager
Puget Sound and National Estuary Programs
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1200 Sixth Avenue
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<http://www.epa.gov/puget-sound>



Message

From: Dean, Heather [Dean.Heather@epa.gov]
Sent: 8/31/2016 2:52:28 PM
To: Allnutt, David [Allnutt.David@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]
CC: Meyer, Susan [meyer.susan@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Draft HTL Briefing Paper for Dennis
Attachments: RA Briefing-HTL vs MHHW.docx

Good morning. This briefing will be next Wednesday afternoon. To adhere to the timelines for getting it to the RA's office, please let me know if you have any edits, concerns, etc. by COB today.

Thanks!

Heather

Message

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 8/22/2016 7:49:26 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]
Subject: Final HTL report
Attachments: federalshorelinehabitat FINAL.pdf

Here you go! Please let me know how the meeting goes!!!

Susan Meyer
EPA Region 10
Puget Sound and National Estuary Programs
1200 6th Aveune, Suite 900
Seattle, Washington 98101-3140
206-553-1078
Meyer.susan@epa.gov

Message

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 8/5/2016 10:10:25 PM
To: Allnutt, David [Allnutt.David@epa.gov]
Subject: FW: Final HTL Report
Attachments: HTL Report-Final Draft.pdf

David,

Here is the Final Draft version. If you have comments send them to Heather and I.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Environmental Review and Assessment
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Dean, Heather
Sent: Friday, August 05, 2016 3:05 PM
Subject: Final HTL Report

Hi, everyone.

We've received the draft final HTL report from our graphics guy. Jim asked me to post it & let everyone know it's ready for final review. The thing is I've lost access to the SharePoint site, as have the other EPA folks I can reach this afternoon, so I'm here it is via e-mail. Jim asks that your review abide by the following stipulations:

- 1) Comments in NLT COB on Monday (8 Aug); &
- 2) Comments strictly limited to major errors or erroneous information, with no further editing of style & the like.

I believe I've included the entire team, so please don't forward this to anyone.

Thanks,

Heather

Message

From: Dean, Heather [Dean.Heather@epa.gov]
Sent: 5/27/2016 12:36:26 AM
To: Meyer, Susan [meyer.susan@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]
CC: Allnutt, David [Allnutt.David@epa.gov]
Subject: Data Availability for High Tide Line Options
Attachments: Data Availability for High Tide Line Options.pptx

Happy Long Weekend Eve!

In response to discussions we've had about tidal data availability & the need for extrapolation between tide stations—which also came up during this week's briefing—I have prepared the maps shown in the attached file. They depict the number & location of tide stations for which data is either readily available or just about so for using HAT, MHHW, or MHPT. (The second map from the left is the only one in the "just about so" category. It adds five stations that already have harmonic constituents, where calculating HAT should, seemingly, be pretty easy, I've got a question into NOS about that.)

In a nutshell, for:

- HAT, there are 43 to 48 stations;
- MHHW, there are 85 stations; &
- MHPT, there are 171 stations.

If you have any questions on Friday, please call, rather than e-mailing. (I'll be off, but am happy to answer any questions.)

If not, see you Tuesday!

Heather

Message

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 8/22/2016 7:39:27 PM
To: Murchie, Peter [murchie.peter@epa.gov]
Subject: could you send me the final HTL paper?
Attachments: ATT46630; ATT24018; ATT61258; ATT71325; ATT88923; ATT12626; ATT66916



R. David Allnutt, Director
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U.S. EPA, Region 10
1200 Sixth Avenue, Suite 900
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(206) 553-2581



Appointment

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 11/16/2015 4:58:04 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
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Message

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 9/1/2016 8:13:33 PM
To: Dean, Heather [Dean.Heather@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]
CC: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: RE: Revised HTL Briefing Paper for Dennis
Attachments: RA Briefing-HTL vs MHHW-rda redline.docx

Heather -- sorry to have missed both of your deadlines. A couple of edits and a question from me.



R. David Allnutt, Director
Office of Environmental Review and Assessment
U.S. EPA, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140
(206) 553-2581



From: Dean, Heather
Sent: Thursday, September 01, 2016 8:18 AM
To: Allnutt, David <Allnutt.David@epa.gov>; Murchie, Peter <Murchie.Peter@epa.gov>
Cc: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: Revised HTL Briefing Paper for Dennis

Good morning, gentlemen.

If you haven't already started reviewing the paper I sent yesterday, look at this one, instead. It incorporates a few edits from Endre & Susan.

Message

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]
Sent: 6/26/2015 1:32:17 AM
To: Linda Anderson-Carnahan (Anderson-Carnahan.Linda@epa.gov) [Anderson-Carnahan.Linda@epa.gov]
Subject: FW: Petition from Earthjustice re High Tide Line - attorney-client communication
Attachments: Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf

This will be interesting for both of us in our new capacities.



R. David Allnutt, Director
Office of Ecosystems, Tribal and Public Affairs
U.S. EPA, Region 10
1200 Sixth Avenue, Suite 900, Mail Stop ETPA-202-1
Seattle, Washington 98101-3140
(206) 553-2581

From: Szalay, Endre
Sent: Thursday, June 25, 2015 12:53 PM
To: Stern, Allyn; Steiner-Riley, Cara; Szerlog, Michael; Allnutt, David; Byron, Carrie; Dean, Heather
Subject: Petition from Earthjustice re High Tide Line - attorney-client communication

Hi Folks:

Attached is a petition from Earthjustice sent to Dennis on July 24, 2015, seeking a general resolution between EPA and the Corps regarding the definition of "high tide line" for purposes of establishing CWA jurisdiction under the CWA and a specific jurisdictional determination for shoreline armoring projects currently planned in the Puget Sound area. Here is a link to a Seattle Times article regarding the petition: <http://www.seattletimes.com/seattle-news/environment/conservation-groups-seek-increased-shoreline-protections-in-puget-sound/>.

Attorney Client / Ex. 5

Just wanted to put this on people's radars and perhaps we should meet to discuss.

Thanks,

Endre M. Szalay
Assistant Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave., Suite 900, ORC-158

Seattle, WA 98101-3140

(206) 553-1073

szalay.endre@epa.gov



Message

From: Allnutt, David [Allnutt.David@epa.gov]
Sent: 6/26/2015 1:32:17 AM
To: Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]
Subject: FW: Petition from Earthjustice re High Tide Line - attorney-client communication
Attachments: Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf

This will be interesting for both of us in our new capacities.



R. David Allnutt, Director
Office of Ecosystems, Tribal and Public Affairs
U.S. EPA, Region 10
1200 Sixth Avenue, Suite 900, Mail Stop ETPA-202-1
Seattle, Washington 98101-3140
(206) 553-2581

From: Szalay, Endre
Sent: Thursday, June 25, 2015 12:53 PM
To: Stern, Allyn; Steiner-Riley, Cara; Szerlog, Michael; Allnutt, David; Byron, Carrie; Dean, Heather
Subject: Petition from Earthjustice re High Tide Line - attorney-client communication

Hi Folks:

Attached is a petition from Earthjustice sent to Dennis on July 24, 2015, seeking a general resolution between EPA and the Corps regarding the definition of "high tide line" for purposes of establishing CWA jurisdiction under the CWA and a specific jurisdictional determination for shoreline armoring projects currently planned in the Puget Sound area. Here is a link to a Seattle Times article regarding the petition: <http://www.seattletimes.com/seattle-news/environment/conservation-groups-seek-increased-shoreline-protections-in-puget-sound/>.

Attorney Client / Ex. 5

Just wanted to put this on people's radars and perhaps we should meet to discuss.

Thanks,

Endre M. Szalay
Assistant Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave., Suite 900, ORC-158
Seattle, WA 98101-3140

(206) 553-1073
szalay.endre@epa.gov



Message

From: Anderson-Carnahan, Linda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C34CC9BE6AB74896B7EA15338CBE41EB-ANDERSON-CARNAHAN, LINDA]
Sent: 6/26/2015 6:21:17 PM
To: VanSlyck, Kara [VanSlyck.Kara@epa.gov]; Podwojski, Stephen [Podwojski.Stephen@epa.gov]
Subject: FW: Petition from Earthjustice re High Tide Line - attorney-client communication
Attachments: Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf

From: Szalay, Endre
Sent: Thursday, June 25, 2015 12:53 PM
To: Stern, Allyn; Steiner-Riley, Cara; Szerlog, Michael; Allnutt, David; Byron, Carrie; Dean, Heather
Subject: Petition from Earthjustice re High Tide Line - attorney-client communication

Hi Folks:

Attached is a petition from Earthjustice sent to Dennis on July 24, 2015, seeking a general resolution between EPA and the Corps regarding the definition of "high tide line" for purposes of establishing CWA jurisdiction under the CWA and a specific jurisdictional determination for shoreline armoring projects currently planned in the Puget Sound area. Here is a link to a Seattle Times article regarding the petition: <http://www.seattletimes.com/seattle-news/environment/conservation-groups-seek-increased-shoreline-protections-in-puget-sound/>.

Attorney Client / Ex. 5

Just wanted to put this on people's radars and perhaps we should meet to discuss.

Thanks,

Endre M. Szalay
Assistant Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave., Suite 900, ORC-158
Seattle, WA 98101-3140
(206) 553-1073
szalay.endre@epa.gov



Message

From: Goodin, John [Goodin.John@epa.gov]
Sent: 7/9/2015 7:56:32 PM
To: Best-Wong, Benita [Best-Wong.Benita@epa.gov]; Evans, David [Evans.David@epa.gov]; Peck, Gregory [Peck.Gregory@epa.gov]
CC: Wehling, Carrie [Wehling.Carrie@epa.gov]; Wendelowski, Karyn [wendelowski.karyn@epa.gov]; Downing, Donna [Downing.Donna@epa.gov]; Neugeboren, Steven [Neugeboren.Steven@epa.gov]; Eisenberg, Mindy [Eisenberg.Mindy@epa.gov]
Subject: FW: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication
Attachments: Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf

Heads up from R10 on this petition. Not sure if ORC had yet shared with OGC. Folks here will give it a read. Will want to discuss timing issues.

Thanks
John

From: Szerlog, Michael
Sent: Thursday, July 09, 2015 2:09 PM
To: Goodin, John; Kaiser, Russell; Downing, Donna; Kwok, Rose; Christensen, Damaris
Subject: FW: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Re-sending, and including Rose and Damaris.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Szerlog, Michael
Sent: Monday, July 06, 2015 1:51 PM
To: Goodin, John; Kaiser, Russell; Donna Downing
Cc: Endre Szalay
Subject: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

John, Russ, and Donna,

Wanted to make sure you saw this petition. Let me know who I should be coordinating with at HQ.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs

Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



Appointment

From: Bonifacino, Gina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2497CAD4ED6046B398F2BA5D13345242-BONIFACINO, GINA]
Sent: 11/16/2015 5:11:30 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 11/17/2015 2:59:55 PM
To: Allnutt, David [Allnutt.David@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Tentative

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 11/16/2015 3:37:20 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Allnutt, David [Allnutt.David@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Attachments: Q&A Support Doc-Updated 16 Nov 15.xlsx; Draft Q&A.docx; HTLvsMHHW.xlsx; What is the HTL-Updated 16 Nov 15.docx; ATT37493
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

I understand that there is a Tribal Treaty Rights at Risk meeting scheduled for early December in DC. My understanding is that Tribes want to raise the High Tide Line issue at that meeting. It would be good to understand what ARU has been doing regarding this issue per direction from Dennis.

I know the meeting is early, but only time that looked open for folks this week.

Materials for the meeting:



What is the
HTL-Updated 16 ...



HTLvsMHHW.xlsx



Draft Q&A.docx



Q&A Support
Doc-Updated 16 ...

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



Message

From: Szerlog, Michael [szerlog.michael@epa.gov]
Sent: 11/19/2015 6:40:14 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC

Szerlog, Michael [10:35 AM]:

Do you know who from OW HQ will be at TRAR meeting?

Bonifacino, Gina [10:40 AM]:

No, but can find out

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 11/17/2015 2:59:55 PM
To: Allnutt, David [Allnutt.David@epa.gov]; Opalski, Dan [Opalski.Dan@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Attachments: Q&A Support Doc-Updated 16 Nov 15.xlsx; Draft Q&A.docx; HTLvsMHHW.xlsx; What is the HTL-Updated 16 Nov 15.docx; ATT37493
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Tentative

I understand that there is a Tribal Treaty Rights at Risk meeting scheduled for early December in DC. My understanding is that Tribes want to raise the High Tide Line issue at that meeting. It would be good to understand what ARU has been doing regarding this issue per direction from Dennis.

I know the meeting is early, but only time that looked open for folks this week.

Materials for the meeting:



What is the
HTL-Updated 16 ...



HTLvsMHHW.xlsx



Draft Q&A.docx



Q&A Support
Doc-Updated 16 ...

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



Message

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 9/28/2016 10:21:26 PM
To: Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: TRAR update on HTL and cum. effects

Gina – here is the latest as I know it...

Deliberative Process / Ex. 5

Non-Responsive: Unrelated to Puget Sound High Tide Line

Susan Meyer
EPA Region 10
Puget Sound and National Estuary Programs
1200 6th Aveune, Suite 900
Seattle, Washington 98101-3140
206-553-1078
Meyer.susan@epa.gov

Message

From: Szerlog, Michael [szerlog.michael@epa.gov]
Sent: 11/19/2015 6:37:16 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Bonifacino, Gina [Bonifacino.Gina@epa.gov]
Subject: Missed conversation with Szerlog, Michael-Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC

Szerlog, Michael [10:35 AM]:

Do you know who from OW HQ will be at TRAR meeting?

Message

From: Bonifacino, Gina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2497CAD4ED6046B398F2BA5D13345242-BONIFACINO, GINA]
Sent: 11/16/2015 7:40:57 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: RE: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC

yes

Gina Bonifacino | Puget Sound Team
US EPA Region 10
Mail Stop OWW-193
1200 Sixth Avenue
Seattle, WA 98101
206.553.2970

From: Szerlog, Michael
Sent: Monday, November 16, 2015 10:18 AM
To: Bonifacino, Gina
Subject: RE: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC

Gina,

Thanks. Dan said you may have the briefing paper for the TRAR meeting. Can you share before the meeting tomorrow.

Thanks

Michael J. Szerlog, Manager
Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



-----Original Appointment-----

From: Bonifacino, Gina
Sent: Monday, November 16, 2015 9:12 AM
To: Szerlog, Michael
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
When: Tuesday, November 17, 2015 8:00 AM-8:30 AM (UTC-08:00) Pacific Time (US & Canada).
Where: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Appointment

From: Bonifacino, Gina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2497CAD4ED6046B398F2BA5D13345242-BONIFACINO, GINA]
Sent: 11/16/2015 5:11:30 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

Message

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 9/27/2016 8:18:16 PM
To: Brown, Kevin [Brown.Kevin@epa.gov]
Subject: RE: High Tide Line Work

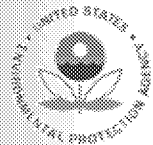
Kevin

Sorry. OK, sounds good. Really appreciate it.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Environmental Review and Assessment
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Brown, Kevin
Sent: Tuesday, September 27, 2016 12:59 PM
To: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: RE: High Tide Line Work

Took me a little while to remember what this was... Should be fairly easy to make modifications to it. I try to build in some flexibility when designing these kinds of documents, anticipating changes to come later.

Kevin Brown | SKGS Contractor | EPA Region 10 Graphics
brown.kevin@epa.gov | 206-553-2109 | OMP-111 | 11th Floor Northeast

From: Szerlog, Michael
Sent: Tuesday, September 27, 2016 12:38 PM
To: Brown, Kevin <Brown.Kevin@epa.gov>
Subject: High Tide Line Work

Kevin,

Afternoon.	Deliberative Process / Ex. 5
Deliberative Process / Ex. 5	
Deliberative Process / Ex. 5	The team is working on doing that with the hopes of completing the changes by end of October. Would you have time near the end of October to take a look to see if additional tweaks are needed from a graphics perspective. I do not expect there to be a lot of work - guessing a few hours'

worth. We all really appreciated your efforts to date and got some really nice feedback from the agencies leaders regarding the professionalism and quality of the report. Thanks again. ☺

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit

Office of Environmental Review and Assessment

Environmental Protection Agency

1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2

Seattle, Washington 98101

(206) 553-0279

szerlog.michael@epa.gov



Message

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 10/28/2016 6:44:52 PM
To: Brown, Kevin [Brown.Kevin@epa.gov]
Subject: RE: document number for HTL report

You Rock, Kevin. Thanks so much!

From: Brown, Kevin
Sent: Friday, October 28, 2016 11:33 AM
To: Meyer, Susan <meyer.susan@epa.gov>
Subject: RE: document number for HTL report

Here it is with the corrections made (there were only a few of them), the new figures swapped in, and the publication number applied.

Kevin Brown | SKGS Contractor | EPA Region 10 Graphics
brown.kevin@epa.gov | 206-553-2109 | OMP-111 | 11th Floor Northeast

From: Meyer, Susan
Sent: Friday, October 28, 2016 10:53 AM
To: Brown, Kevin <Brown.Kevin@epa.gov>
Subject: document number for HTL report

Kevin, Could you please insert this number on the document where they usually go? Thanks.

Susan

From: Dean, Heather
Sent: Friday, October 28, 2016 10:46 AM
To: Meyer, Susan <meyer.susan@epa.gov>
Cc: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: FW: Request for Document Number

Susan, here is an EPA document number for the HTL report, which Michael wanted to add to it. I have not mentioned this to Jim, & I would guess that they might not want it to have just an EPA #...?

From: Doyle, Liz
Sent: Friday, October 28, 2016 10:44 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: FW: Request for Document Number

FEDERAL INVOLVEMENT IN SHORELINE HABITAT IN TIEDALLY-INFLUENCED WATERS OF WASHINGTON STATE

Report number EPA 910-R-16-006.

From: nscep-priority [mailto:nscep-priority@lmsolas.com]
Sent: Thursday, October 27, 2016 8:50 AM

To: 'Doyle, Liz'; '.nscep-priority'
Cc: 'Turner, Jeannie'
Subject: RE: Request for Document Number

Hello Ms. Doyle,

This title came up in our database as FEDERAL INVOLVEMENT IN SHORELINE HABITAT IN TIEDALLY-INFLUENCED WATERS OF WASHINGTON STATE: REVIEW is this actually the report? I am unsure because the type code was not selected. Please let me know so that I can supply you with a number.

Donna

From: Doyle, Liz [<mailto:Doyle.Liz@epa.gov>]
Sent: Wednesday, October 26, 2016 6:34 PM
To: NSCEP (nscep-priority@lmsolas.com); .nscep-priority
Subject: Request for Document Number

See below. Questions? Let me know. Thanks.

Liz Doyle, MILS
Supervisory Librarian (contractor, ASRC Primus)
U.S. EPA Region 10 Library / OMP-0102 / 1200 6th Ave, Ste 900
Seattle WA 98101-3140

doyle.liz@epa.gov
p: 206-553-2134
<https://www.epa.gov/libraries/region-10-library-services>

From: Doyle, Liz
Sent: Wednesday, October 26, 2016 2:24 PM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: Request for Document Number

Hi Heather,
The link on the R10 Library page is not working, so just fill in the blanks on this and I'll get a publication number from NSCEP within 48 hours:

PUBLICATION NUMBER ASSIGNMENT

ID	TYPE	YEAR	SEQUENTIAL #	(for NSCEP use)
----	------	------	--------------	-----------------

What three digits do your publications start with? EPA 910

Does this Document contain information that the Agency deems sensitive and is not suitable for the public: NO X YES

If yes, NSCEP WILL NOT DISTRIBUTE. (DO NOT SEND TO NSCEP)

Is this document for Internal Agency Distribution Only?
NO X or YES

Expected arrival date at NSCEP Distribution Center? Will be published on Region 10 web site eventually.

If No, Would you like NSCEP to take backorders for the publication until it is printed?

Yes ☐ or No ☒

Should we make this available for ordering on the online shopping cart? ☐

CONTACT NAME: Heather Dean

ADDRESS: US EPA Region 10

MAILCODE: OERA-202-2 **PHONE:** 907-271-3490 Heather Dean

ORIGINAL or REVISION? Original

(If this a revision what is the old pub) :

PUBLICATION PRINT DATE:

DATE REQUESTED: ASAP

DISSEMINATION POINT: Region 10 Heather Dean or Library

(Where will a person call if they want a copy?)

TYPE CODE: EXHIBIT, COMPUTER, VIDEO, AUDIO, MICROFILM, PHOTOGRAPH, ARTICLE, JOURNAL, PERIODICAL, INTERNAL, REFERENCE, DRAFT, PUBLIC COMMENT, SUMMARY, REPORT, UNBOUND (FACT SHEET, LEAFLET), BOUND (BOOKLET, PAMPHLET):

Document Title: Federal Involvement in Shoreline Habitat in Tidally-Influenced Waters of Washington State

Liz Doyle, MILS

Supervisory Librarian (contractor, ASRC Primus)
U.S. EPA Region 10 Library / OMP-0102 / 1200 6th Ave, Ste 900
Seattle WA 98101-3140

doyle.liz@epa.gov

p: 206-553-2134

<https://www.epa.gov/libraries/region-10-library-services>

From: dHondt, MaryThadia **On Behalf Of** Library-Reg10

Sent: Wednesday, October 26, 2016 2:06 PM

To: Doyle, Liz <Doyle.Liz@epa.gov>

Subject: FW: Request for Document Number

From: Dean, Heather

Sent: Wednesday, October 26, 2016 1:29 PM

To: Library-Reg10 <Library-Reg10@epa.gov>

Subject: Request for Document Number

Hi. Region 10 has prepared a report together with the Seattle District Corps of Engineers & NOAA's Western Regional Center. My boss (Michael Szerlog) has asked me to get a document number for it. I seem to remember having asked you about this subject already, but cannot find the info. Can you remind me what I need to do to get a document number?

Thanks,

Heather

Message

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 10/28/2016 5:19:31 PM
To: Brown, Kevin [Brown.Kevin@epa.gov]
Subject: HTL report

Kevin, in addition to changing the figures, could you also deal with all of the edits to the report that EPA folks put in? I forgot to ask that earlier, although you may have assumed it.

Thanks again!

Susan Meyer
EPA Region 10
Puget Sound and National Estuary Programs
1200 6th Avenue, Suite 900
Seattle, Washington 98101-3140
206-553-1078
Meyer.susan@epa.gov

Message

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 10/28/2016 4:28:56 PM
To: Brown, Kevin [Brown.Kevin@epa.gov]
Subject: HTL report with comments
Attachments: federalshorelinehabitat oct2016 MJS_SDM edits (2).pdf

Hi Kevin, Here is the report. I will send the updated figures next. Thank you so much,

Susan Meyer
EPA Region 10
Puget Sound and National Estuary Programs
1200 6th Aveune, Suite 900
Seattle, Washington 98101-3140
206-553-1078
Meyer.susan@epa.gov

Message

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 10/5/2016 9:25:16 PM
To: Brown, Kevin [Brown.Kevin@epa.gov]
Subject: RE: High Tide Line Work

Updated Word document.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Environmental Review and Assessment
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Brown, Kevin
Sent: Wednesday, October 05, 2016 2:24 PM
To: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: RE: High Tide Line Work

That should work. Are you going to be marking up the PDF/hard-copy, or just supplying a new Word document? Hopefully it's the latter. At my end, it's easier to just dump a new text file in and go through applying headlines etc, than it is to go through and replace words, add commas, rewrite sentences, and so on.

Kevin Brown | SKGS Contractor | EPA Region 10 Graphics
brown.kevin@epa.gov | 206-553-2109 | OMP-111 | 11th Floor Northeast

From: Szerlog, Michael
Sent: Wednesday, October 05, 2016 1:45 PM
To: Brown, Kevin <Brown.Kevin@epa.gov>
Subject: RE: High Tide Line Work

Kevin,

Deliberative Process / Ex. 5	
Deliberative Process / Ex. 5	Will that timeframe work for you?

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Environmental Review and Assessment
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Brown, Kevin
Sent: Tuesday, September 27, 2016 12:59 PM
To: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: RE: High Tide Line Work

Took me a little while to remember what this was... Should be fairly easy to make modifications to it. I try to build in some flexibility when designing these kinds of documents, anticipating changes to come later.

Kevin Brown | **SKGS Contractor** | **EPA Region 10 Graphics**
brown.kevin@epa.gov | 206-553-2109 | OMP-111 | 11th Floor Northeast

From: Szerlog, Michael
Sent: Tuesday, September 27, 2016 12:38 PM
To: Brown, Kevin <Brown.Kevin@epa.gov>
Subject: High Tide Line Work

Kevin,

Afternoon.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

The team is working on doing that with the hopes of completing the changes by end of October. Would you have time near the end of October to take a look to see if additional tweaks are needed from a graphics perspective. I do not expect there to be a lot of work - guessing a few hours' worth. We all really appreciated your efforts to date and got some really nice feedback from the agencies leaders regarding the professionalism and quality of the report. Thanks again. ☺

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Environmental Review and Assessment
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2
Seattle, Washington 98101

(206) 553-0279
szerlog.michael@epa.gov



Message

From: Brown, Kevin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=738902A9478F47B7B8477E510DA8E839-BROWN, KEVIN_ECDDCDF5B4]
Sent: 10/28/2016 6:32:42 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: RE: document number for HTL report
Attachments: federalshorelinehabitat oct2016 v2 web.pdf

Here it is with the corrections made (there were only a few of them), the new figures swapped in, and the publication number applied.

Kevin Brown | SKGS Contractor | EPA Region 10 Graphics
brown.kevin@epa.gov | 206-553-2109 | OMP-111 | 11th Floor Northeast

From: Meyer, Susan
Sent: Friday, October 28, 2016 10:53 AM
To: Brown, Kevin <Brown.Kevin@epa.gov>
Subject: document number for HTL report

Kevin, Could you please insert this number on the document where they usually go? Thanks.

Susan

From: Dean, Heather
Sent: Friday, October 28, 2016 10:46 AM
To: Meyer, Susan <meyer.susan@epa.gov>
Cc: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: FW: Request for Document Number

Susan, here is an EPA document number for the HTL report, which Michael wanted to add to it. I have not mentioned this to Jim, & I would guess that they might not want it to have just an EPA #...?

From: Doyle, Liz
Sent: Friday, October 28, 2016 10:44 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: FW: Request for Document Number

FEDERAL INVOLVEMENT IN SHORELINE HABITAT IN TIEDALLY-INFLUENCED WATERS OF WASHINGTON STATE

Report number EPA 910-R-16-006.

From: nscep-priority [mailto:nscep-priority@lmsolas.com]
Sent: Thursday, October 27, 2016 8:50 AM
To: 'Doyle, Liz'; 'nscep-priority'
Cc: 'Turner, Jeannie'
Subject: RE: Request for Document Number

Hello Ms. Doyle,

This title came up in our database as FEDERAL INVOLVEMENT IN SHORELINE HABITAT IN TIEDALLY-INFLUENCED WATERS OF WASHINGTON STATE: REVIEW is this actually the report? I am unsure because the type code was not selected. Please let me now so that I can supply you with a number.

Donna

From: Doyle, Liz [<mailto:Doyle.Liz@epa.gov>]
Sent: Wednesday, October 26, 2016 6:34 PM
To: NSCEP (nscep-priority@lmsolas.com); .nscep-priority
Subject: Request for Document Number

See below. Questions? Let me know. Thanks.

Liz Doyle, MILS
Supervisory Librarian (contractor, ASRC Primus)
U.S. EPA Region 10 Library / OMP-0102 / 1200 6th Ave, Ste 900
Seattle WA 98101-3140

doyle.liz@epa.gov
p: 206-553-2134
<https://www.epa.gov/libraries/region-10-library-services>

From: Doyle, Liz
Sent: Wednesday, October 26, 2016 2:24 PM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: Request for Document Number

Hi Heather,
The link on the R10 Library page is not working, so just fill in the blanks on this and I'll get a publication number from NSCEP within 48 hours:

PUBLICATION NUMBER ASSIGNMENT

ID	TYPE	YEAR	SEQUENTIAL #	(for NSCEP use)
----	------	------	--------------	-----------------

What three digits do your publications start with? EPA 910

Does this Document contain information that the Agency deems sensitive and is not suitable for the public: NO X YES

If yes, NSCEP WILL NOT DISTRIBUTE. (DO NOT SEND TO NSCEP)

Is this document for Internal Agency Distribution Only?
NO X or YES

Expected arrival date at NSCEP Distribution Center? Will be published on Region 10 web site eventually.

If No, Would you like NSCEP to take backorders for the publication until it is printed?
Yes or No X

Should we make this available for ordering on the online shopping cart? N

CONTACT NAME: Heather Dean

ADDRESS: US EPA Region 10

MAILCODE: OERA-202-2

PHONE: 907-271-3490 Heather Dean

ORIGINAL or REVISION? Original

(If this a revision what is the old pub) :

PUBLICATION PRINT DATE:

DATE REQUESTED: ASAP

DISSEMINATION POINT: Region 10 Heather Dean or Library
(Where will a person call if they want a copy?)

TYPE CODE: EXHIBIT, COMPUTER, VIDEO, AUDIO, MICROFILM, PHOTOGRAPH, ARTICLE, JOURNAL, PERIODICAL, INTERNAL, REFERENCE, DRAFT, PUBLIC COMMENT, SUMMARY, REPORT, UNBOUND (FACT SHEET, LEAFLET), BOUND (BOOKLET, PAMPHLET):

Document Title: Federal Involvement in Shoreline Habitat in Tidally-Influenced Waters of Washington State

Liz Doyle, MILS

Supervisory Librarian (contractor, ASRC Primus)
U.S. EPA Region 10 Library / OMP-0102 / 1200 6th Ave, Ste 900
Seattle WA 98101-3140

doyle.liz@epa.gov

p: 206-553-2134

<https://www.epa.gov/libraries/region-10-library-services>

From: dHondt, MaryThadia On Behalf Of Library-Reg10

Sent: Wednesday, October 26, 2016 2:06 PM

To: Doyle, Liz <Doyle.Liz@epa.gov>

Subject: FW: Request for Document Number

From: Dean, Heather

Sent: Wednesday, October 26, 2016 1:29 PM

To: Library-Reg10 <Library-Reg10@epa.gov>

Subject: Request for Document Number

Hi. Region 10 has prepared a report together with the Seattle District Corps of Engineers & NOAA's Western Regional Center. My boss (Michael Szerlog) has asked me to get a document number for it. I seem to remember having asked you about this subject already, but cannot find the info. Can you remind me what I need to do to get a document number?

Thanks,

Heather

Appointment

From: Christensen, Damaris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E04107C23C1043D6967754064C477A29-CHRISTENSEN, DAMARIS]
Sent: 7/15/2015 11:34:58 PM
To: Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Storm, Linda [Storm.Linda@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Downing, Donna [Downing.Donna@epa.gov]; Kaiser, Russell [Kaiser.Russell@epa.gov]; Kwok, Rose [kwok.rose@epa.gov]; Wendelowski, Karyn [wendelowski.karyn@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Cherry, Andrew [Cherry.Andrew@epa.gov]; Katz, Melissa [Katz.Melissa@epa.gov]
CC: Goodin, John [Goodin.John@epa.gov]
BCC: DCRoomWest7201/DC-CCW-OWOW [DCRoomWest7201@epa.gov]
Subject: discussion of Earthjustice request and HTL
Location: DCRoomWest7201/DC-CCW-OWOW
Start: 7/23/2015 3:30:00 PM
End: 7/23/2015 4:00:00 PM
Show Time As: Tentative

Appointment

From: Christensen, Damaris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E04107C23C1043D6967754064C477A29-CHRISTENSEN, DAMARIS]
Sent: 7/17/2015 8:42:06 PM
To: Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Storm, Linda [Storm.Linda@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Downing, Donna [Downing.Donna@epa.gov]; Kaiser, Russell [Kaiser.Russell@epa.gov]; Kwok, Rose [kwok.rose@epa.gov]; Wendelowski, Karyn [wendelowski.karyn@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Cherry, Andrew [Cherry.Andrew@epa.gov]; Katz, Melissa [Katz.Melissa@epa.gov]
CC: Goodin, John [Goodin.John@epa.gov]
BCC: DCRoomWest7129/DC-CCW-OWOW [DCRoomWest7129@epa.gov]
Subject: discussion of Earthjustice request and HTL
Location: DCRoomWest7129/DC-CCW-OWOW
Start: 7/23/2015 4:30:00 PM
End: 7/23/2015 5:00:00 PM
Show Time As: Tentative

Appointment

From: Christensen, Damaris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E04107C23C1043D6967754064C477A29-CHRISTENSEN, DAMARIS]
Sent: 7/17/2015 8:42:01 PM
BCC: DCRoomWest7201/DC-CCW-OWOW [DCRoomWest7201@epa.gov]
Subject: Canceled: discussion of Earthjustice request and HTL
Location: DCRoomWest7129/DC-CCW-OWOW

Start: 7/23/2015 4:30:00 PM
End: 7/23/2015 5:00:00 PM
Show Time As: Free

Importance: High

Appointment

From: DCRoomWest7201/DC-CCW-OWOW [DCRoomWest7201@epa.gov]
Sent: 7/15/2015 11:35:02 PM
To: Christensen, Damaris [Christensen.Damaris@epa.gov]
Subject: Accepted: discussion of Earthjustice request and HTL
Location: DCRoomWest7201/DC-CCW-OWOW
Start: 7/23/2015 3:30:00 PM
End: 7/23/2015 4:00:00 PM
Recurrence: (none)

Appointment

From: Christensen, Damaris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E04107C23C1043D6967754064C477A29-CHRISTENSEN, DAMARIS]
Sent: 7/15/2015 11:34:52 PM
To: Christensen, Damaris [Christensen.Damaris@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Storm, Linda [Storm.Linda@epa.gov]; Thiesing, Mary [Thiesing.Mary@epa.gov]; Downing, Donna [Downing.Donna@epa.gov]; Kaiser, Russell [Kaiser.Russell@epa.gov]; Kwok, Rose [kwok.rose@epa.gov]; Wendelowski, Karyn [wendelowski.karyn@epa.gov]; Wehling, Carrie [Wehling.Carrie@epa.gov]; Cherry, Andrew [Cherry.Andrew@epa.gov]; Katz, Melissa [Katz.Melissa@epa.gov]
CC: Goodin, John [Goodin.John@epa.gov]
BCC: DCRoomWest7129/DC-CCW-OWOW [DCRoomWest7129@epa.gov]
Subject: discussion of Earthjustice request and HTL
Location: DCRoomWest7129/DC-CCW-OWOW
Start: 7/23/2015 4:30:00 PM
End: 7/23/2015 5:00:00 PM
Show Time As: Busy

Message

From: Christensen, Damaris [Christensen.Damaris@epa.gov]
Sent: 8/31/2015 6:28:31 PM
To: Dean, Heather [Dean.Heather@epa.gov]
Subject: Re: HTL

Ran into Russ. I'll try when I'm out of my 2:30 meeting.

Damaris

Sent from my iPhone

On Aug 31, 2015, at 1:58 PM, "Dean, Heather" <Dean.Heather@epa.gov> wrote:

K

From: Christensen, Damaris
Sent: Monday, August 31, 2015 10:57 AM
To: Dean, Heather
Subject: RE: HTL

I was involved in another discussion. I have a meeting in half an hour but I'll try calling after I get my lunch heated up.

From: Dean, Heather
Sent: Monday, August 31, 2015 12:49 PM
To: Christensen, Damaris
Subject: RE: HTL

Now a good time?

From: Christensen, Damaris
Sent: Monday, August 31, 2015 9:48 AM
To: Dean, Heather
Subject: Re: HTL

Deliberative Process / Ex. 5

Sent from my iPhone

On Aug 31, 2015, at 11:40 AM, "Dean, Heather" <Dean.Heather@epa.gov> wrote:

Good morning, Damaris. Michael is asking me for an update on HTL. **Deliberative Process / Ex. 5**
Deliberative Process / Ex. 5 We are compiling some additional information to provide.

Thanks,

Heather

Message

From: Christensen, Damaris [Christensen.Damaris@epa.gov]
Sent: 7/17/2015 7:41:35 PM
To: Downing, Donna [Downing.Donna@epa.gov]
Subject: Re: Declined: discussion of Earthjustice request and HTL

I'll see if I can find another time. Not too much open next week where Karyn and John and Michael can all attend. You hadn't scheduled the rule workgroup yet when I made this appointment.

Damaris

Sent from my iPhone

> On Jul 17, 2015, at 3:26 PM, "Downing, Donna" <Downing.Donna@epa.gov> wrote:
>
> Perhaps we could reschedule? Conflicts with the CWR Rule Workgroup meeting.
>
> Thanks.
>
> DMD
>
> <meeting.ics>

Appointment

From: DCRoomWest7201/DC-CCW-OWOW [DCRoomWest7201@epa.gov]
Sent: 7/15/2015 11:35:02 PM
To: Christensen, Damaris [Christensen.Damaris@epa.gov]

Subject: Accepted: discussion of Earthjustice request and HTL
Location: DCRoomWest7201/DC-CCW-OWOW

Start: 7/23/2015 3:30:00 PM
End: 7/23/2015 4:00:00 PM

Recurrence: (none)

Your request was accepted.

Sent by Microsoft Exchange Server 2010

Message

From: Christensen, Damaris [Christensen.Damaris@epa.gov]
Sent: 7/9/2015 6:12:27 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
CC: Goodin, John [Goodin.John@epa.gov]; Kaiser, Russell [Kaiser.Russell@epa.gov]; Downing, Donna [Downing.Donna@epa.gov]; Kwok, Rose [Kwok.Rose@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]
Subject: Re: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Thanks Michael. This is certainly relevant as we move forward with Q&As. I'm not sure who will be coordinating this but we will try to get back to you soon. Is there any kind of deadline associated with our response?

Damaris

Sent from my iPhone

On Jul 9, 2015, at 2:09 PM, "Szerlog, Michael" <Szerlog.Michael@epa.gov> wrote:

Re-sending, and including Rose and Damaris.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit

Office of Ecosystems, Tribal, and Public Affairs

Environmental Protection Agency

1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2

Seattle, Washington 98101

(206) 553-0279

szerlog.michael@epa.gov

<image001.gif>

From: Szerlog, Michael
Sent: Monday, July 06, 2015 1:51 PM
To: Goodin, John; Kaiser, Russell; Donna Downing
Cc: Endre Szalay
Subject: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

John, Russ, and Donna,

Wanted to make sure you saw this petition. Let me know who I should be coordinating with at HQ.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit

Office of Ecosystems, Tribal, and Public Affairs

Environmental Protection Agency

1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2

Seattle, Washington 98101

(206) 553-0279

szerlog.michael@epa.gov

<image001.gif>

<Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf>

Message

From: Christensen, Damaris [Christensen.Damaris@epa.gov]
Sent: 7/9/2015 6:12:27 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
CC: Goodin, John [Goodin.John@epa.gov]; Kaiser, Russell [Kaiser.Russell@epa.gov]; Downing, Donna [Downing.Donna@epa.gov]; Kwok, Rose [Kwok.Rose@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]
BCC: Christensen, Damaris [Christensen.Damaris@epa.gov]
Subject: Re: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Thanks Michael. This is certainly relevant as we move forward with Q&As. I'm not sure who will be coordinating this but we will try to get back to you soon. Is there any kind of deadline associated with our response?

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Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov
<image001.gif>

From: Szerlog, Michael
Sent: Monday, July 06, 2015 1:51 PM
To: Goodin, John; Kaiser, Russell; Donna Downing
Cc: Endre Szalay
Subject: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

John, Russ, and Donna,

Wanted to make sure you saw this petition. Let me know who I should be coordinating with at HQ.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279

szierlog.michael@epa.gov
<image001.gif>

<Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf>

Message

From: Christensen, Damaris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E04107C23C1043D6967754064C477A29-CHRISTENSEN, DAMARIS]
Sent: 7/7/2015 7:12:51 PM
To: Kwok, Rose [kwok.rose@epa.gov]
CC: Downing, Donna [Downing.Donna@epa.gov]
Subject: FW: Petition from Earthjustice re High Tide Line - attorney-client communication
Attachments: Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf

Looks like it is a petition not a lawsuit (see what reading your email quickly can do to your understanding?). And post-rule.

Damaris

From: Dean, Heather
Sent: Tuesday, July 07, 2015 1:35 PM
To: Downing, Donna; Christensen, Damaris
Cc: Storm, Linda
Subject: FW: Petition from Earthjustice re High Tide Line - attorney-client communication

Hi, ladies.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Szalay, Endre
Sent: Thursday, June 25, 2015 12:53 PM
To: Stern, Allyn; Steiner-Riley, Cara; Szerlog, Michael; Allnutt, David; Byron, Carrie; Dean, Heather
Subject: Petition from Earthjustice re High Tide Line - attorney-client communication

Hi Folks:

Attached is a petition from Earthjustice sent to Dennis on July 24, 2015, seeking a general resolution between EPA and the Corps regarding the definition of "high tide line" for purposes of establishing CWA jurisdiction under the CWA and a specific jurisdictional determination for shoreline armoring projects currently planned in the Puget Sound area. Here is a link to a Seattle Times article regarding the petition: <http://www.seattletimes.com/seattle-news/environment/conservation-groups-seek-increased-shoreline-protections-in-puget-sound/>.

Attorney Client / Ex. 5

Just wanted to put this on people's radars and perhaps we should meet to discuss.

Thanks,

Endre M. Szalay
Assistant Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave., Suite 900, ORC-158
Seattle, WA 98101-3140
(206) 553-1073
szalay.endre@epa.gov



Message

From: Christensen, Damaris [Christensen.Damaris@epa.gov]
Sent: 7/17/2015 7:41:35 PM
To: Downing, Donna [Downing.Donna@epa.gov]
BCC: Christensen, Damaris [Christensen.Damaris@epa.gov]
Subject: Re: Declined: discussion of Earthjustice request and HTL

I'll see if I can find another time. Not too much open next week where Karyn and John and Michael can all attend. You hadn't scheduled the rule workgroup yet when I made this appointment.

Damaris

Sent from my iPhone

> On Jul 17, 2015, at 3:26 PM, "Downing, Donna" <Downing.Donna@epa.gov> wrote:
>
> Perhaps we could reschedule? Conflicts with the CWR Rule Workgroup meeting.
>
> Thanks.
>
> DMD
>
> <meeting.ics>

Message

From: Christensen, Damaris [Christensen.Damaris@epa.gov]
Sent: 8/31/2015 6:28:31 PM
To: Dean, Heather [Dean.Heather@epa.gov]
BCC: Christensen, Damaris [Christensen.Damaris@epa.gov]
Subject: Re: HTL

Ran into Russ. I'll try when I'm out of my 2:30 meeting.

Damaris

Sent from my iPhone

On Aug 31, 2015, at 1:58 PM, "Dean, Heather" <Dean.Heather@epa.gov> wrote:

K

From: Christensen, Damaris
Sent: Monday, August 31, 2015 10:57 AM
To: Dean, Heather
Subject: RE: HTL

I was involved in another discussion. I have a meeting in half an hour but I'll try calling after I get my lunch heated up.

From: Dean, Heather
Sent: Monday, August 31, 2015 12:49 PM
To: Christensen, Damaris
Subject: RE: HTL

Now a good time?

From: Christensen, Damaris
Sent: Monday, August 31, 2015 9:48 AM
To: Dean, Heather
Subject: Re: HTL

Deliberative Process / Ex. 5

Sent from my iPhone

On Aug 31, 2015, at 11:40 AM, "Dean, Heather" <Dean.Heather@epa.gov> wrote:

Good morning, Damaris. Michael is asking me for an update on HTL. Deliberative Process / Ex. 5
Deliberative Process / Ex. 5 We are compiling some additional information to provide.

Thanks,

Heather

Message

From: Christensen, Damaris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E04107C23C1043D6967754064C477A29-CHRISTENSEN, DAMARIS]
Sent: 7/15/2015 11:36:48 PM
To: Szalay, Endre [Szalay.Endre@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]
Subject: RE: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Thanks Endre!

From: Szalay, Endre
Sent: Wednesday, July 15, 2015 7:13 PM
To: Dean, Heather; Christensen, Damaris
Subject: RE: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Attorney Client / Ex. 5

Endre Szalay
US EPA Region 10
206-553-1073

From: Dean, Heather
Sent: Wednesday, July 15, 2015 2:11 PM
To: Christensen, Damaris
Cc: Szalay, Endre
Subject: RE: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Thanks, Damaris.

Attorney Client / Ex. 5

R10 invitees would be Endre & myself, as well as Linda Storm, Mary Ann Thiesing, & Michael Szerlog.

Thanks again,

Heather

From: Christensen, Damaris
Sent: Wednesday, July 15, 2015 10:07 AM

To: Dean, Heather

Subject: RE: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

There didn't seem to be any urgency, but I got permission to set up a meeting to set up next steps. Who from Region 10 should I invite?

Attorney Client / Ex. 5

Damaris

From: Dean, Heather

Sent: Wednesday, July 15, 2015 12:57 PM

To: Christensen, Damaris

Subject: RE: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Hi, Damaris. Any word from yesterday's meeting?

From: Christensen, Damaris

Sent: Thursday, July 09, 2015 11:12 AM

To: Szerlog, Michael

Cc: Goodin, John; Kaiser, Russell; Downing, Donna; Kwok, Rose; Dean, Heather

Subject: Re: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

Thanks Michael. This is certainly relevant as we move forward with Q&As. I'm not sure who will be coordinating this but we will try to get back to you soon. Is there any kind of deadline associated with our response?

Damaris

Sent from my iPhone

On Jul 9, 2015, at 2:09 PM, "Szerlog, Michael" <Szerlog.Michael@epa.gov> wrote:

Re-sending, and including Rose and Damaris.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit

Office of Ecosystems, Tribal, and Public Affairs

Environmental Protection Agency

1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2

Seattle, Washington 98101

(206) 553-0279

szerlog.michael@epa.gov

<image001.gif>

From: Szerlog, Michael

Sent: Monday, July 06, 2015 1:51 PM

To: Goodin, John; Kaiser, Russell; Donna Downing

Cc: Endre Szalay

Subject: Region 10 receives Petition from Earthjustice re High Tide Line - attorney-client communication

John, Russ, and Donna,

Wanted to make sure you saw this petition. Let me know who I should be coordinating with at HQ.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit

Office of Ecosystems, Tribal, and Public Affairs

Environmental Protection Agency

1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2

Seattle, Washington 98101

(206) 553-0279

szerlog.michael@epa.gov

<image001.gif>

<Earthjustice Petition re High Tide Line and Request for JD (July 24, 2015).pdf>

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 6/15/2016 2:17:47 PM
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]

Subject: Canceled: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Start: 6/15/2016 4:00:00 PM
End: 6/15/2016 6:00:00 PM
Show Time As: Free

Importance: High

Recurrence: Weekly
every 2 week(s) on Wednesday from 9:00 AM to 11:00 AM

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 6/22/2016 1:56:54 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Accepted: HTL EPA Team Huddle
Location: Peter's Office - can call folks as needed
Start: 6/24/2016 5:30:00 PM
End: 6/24/2016 6:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 11/16/2015 4:15:06 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 6/24/2016 8:02:38 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Accepted: HTL EPA Team Huddle
Location: Peter's Office - can call folks as needed
Start: 6/24/2016 8:00:00 PM
End: 6/24/2016 8:30:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 6/29/2016 3:42:15 PM
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]

Subject: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Start: 6/29/2016 4:00:00 PM
End: 6/29/2016 6:00:00 PM
Show Time As: Tentative

Recurrence: Weekly
every 2 week(s) on Wednesday from 9:00 AM to 11:00 AM

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 1/19/2016 3:56:10 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: High tide line graphic
Location: I will call Heather

Start: 1/19/2016 7:30:00 PM
End: 1/19/2016 8:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 7/13/2016 3:42:55 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: HTL meeting today
Location: R10Sea-Room-20Chinook/R10-Rooms-Service-Center
Start: 7/13/2016 4:00:00 PM
End: 7/13/2016 6:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/17/2015 10:49:26 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: High Tide Line Discussion
Location: Teleconference and Adobe Connect
Start: 9/24/2015 9:00:00 PM
End: 9/24/2015 10:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/24/2015 6:09:16 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: High Tide Line Discussion
Location: Teleconference and Adobe Connect
Start: 10/1/2015 4:00:00 PM
End: 10/1/2015 5:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 10/1/2015 4:17:20 PM
To: Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: FW: High Tide Line Discussion
Location: Teleconference and Adobe Connect
Start: 10/1/2015 4:00:00 PM
End: 10/1/2015 5:00:00 PM
Show Time As: Tentative

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 1/20/2016 10:58:50 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: Discussion on HTL/shoreline protection prior to 1/27 Corps phone call
Location: R10Sea-Room-19Orca/R10-Rooms-Service-Center
Start: 1/26/2016 10:00:00 PM
End: 1/26/2016 11:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:03:40 PM
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]

Subject: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Start: 3/23/2016 4:00:00 PM
End: 3/23/2016 6:00:00 PM
Show Time As: Tentative

Recurrence: Weekly
every 2 week(s) on Wednesday from 9:00 AM to 11:00 AM

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 5/11/2016 6:01:52 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: discuss field procedures for HTL- internal- probably won't need whole hour
Location: phone or Heather and Tim together
Start: 5/11/2016 8:30:00 PM
End: 5/11/2016 9:30:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:25:42 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Meyer, Susan [meyer.susan@epa.gov]
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]
Subject: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 3/23/2016 4:00:00 PM
End: 3/23/2016 6:00:00 PM
Show Time As: Tentative

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 5/3/2016 11:04:54 PM
To: Allnutt, David [Allnutt.David@epa.gov]
Subject: Get Input on Northwest Indian Fisheries Commission Letter on High Tide Line
Location: Heather will call you.
Start: 5/3/2016 11:30:00 PM
End: 5/3/2016 11:45:00 PM
Show Time As: Tentative

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:38:59 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: Final HTL field day meeting set
Location: TBD
Start: 5/31/2016 7:00:00 AM
End: 6/1/2016 7:00:00 AM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 4/11/2016 4:24:07 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Declined: Practice field HTL in Seattle and Tacoma
Location: meet at either Tacoma or Seattle beach site
Start: 5/5/2016 3:00:00 PM
End: 5/5/2016 9:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 4/7/2016 2:08:42 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: Hold for practice HTL field exercise until I nail down which day works for Phill Dionne
Location: out and about

Start: 5/10/2016 3:00:00 PM
End: 5/11/2016
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:05:55 PM
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]

Subject: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Start: 4/20/2016 4:00:00 PM
End: 4/20/2016 6:00:00 PM
Show Time As: Tentative

Recurrence: Weekly
every 2 week(s) on Wednesday from 9:00 AM to 11:00 AM

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:03:39 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Meyer, Susan [meyer.susan@epa.gov]
Subject: Canceled: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 3/23/2016 4:00:00 PM
End: 3/23/2016 6:00:00 PM
Show Time As: Free
Importance: High
Recurrence: Weekly
every 2 week(s) on Wednesday from 9:00 AM to 11:00 AM

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/14/2016 5:03:50 PM
To: Meyer, Susan [meyer.susan@epa.gov]; Siwiec, Tim [Siwiec.Tim@epa.gov]
Subject: Discuss High Tide Line Mapping
Location: Heather Will Call

Start: 3/15/2016 4:00:00 PM
End: 3/15/2016 4:30:00 PM
Show Time As: Tentative

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/9/2016 9:32:56 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Declined: HOLD HTL Field Trip with Workgroup
Location: TBD
Start: 4/20/2016 7:00:00 AM
End: 4/21/2016 7:00:00 AM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 7/16/2015 3:03:49 PM
To: Christensen, Damaris [Christensen.Damaris@epa.gov]
Subject: Tentative: discussion of Earthjustice request and HTL
Location: DCRoomWest7201/DC-CCW-OWOW
Start: 7/23/2015 3:30:00 PM
End: 7/23/2015 4:00:00 PM
Show Time As: Busy

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 11/13/2014 5:51:21 PM
To: Tracy DeGering [DeGering.Tracy@epa.gov]; Tracie Nadeau [Nadeau.Tracie@epa.gov]; Linda Storm [Storm.Linda@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]
CC: David Allnutt [Allnutt.David@epa.gov]; Anderson-Carnahan, Linda [Anderson-Carnahan.Linda@epa.gov]; Michael Szerlog [Szerlog.Michael@epa.gov]; Thiesing, Mary [thiesing.mary@epa.gov]
Subject: Draft WOTUS Comments: TNWs-MHHW vs. HTL
Attachments: Att 2-TNWs-12 Nov 14.doc

So close now! This attachment has the first of two comments on TNWs, related to the Seattle District's use of MHHW instead of HTL for non-wetland tidal WOTUS. I intend to send the LAST DRAFT (i.e., the second TNW comment, on floatplanes) later tonight.

Given the relatively narrow topics, some of you can probably feel "off the hook," but thanks in advance for whatever comments you have.

Heather

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 11/13/2014 10:24:10 PM
To: Nadeau, Tracie [Nadeau.Tracie@epa.gov]
Subject: RE: Draft WOTUS Comments Deliberative Process / Ex. 5 - no comments

Muchas gracias.

From: Nadeau, Tracie
Sent: Thursday, November 13, 2014 12:44 PM
To: Dean, Heather
Subject: RE: Draft WOTUS Comments: Deliberative Process / Ex. 5 - no comments

No comments – important issue, looks good.

From: Dean, Heather
Sent: Thursday, November 13, 2014 9:51 AM
To: DeGering, Tracy; Nadeau, Tracie; Storm, Linda; Szalay, Endre
Cc: Allnutt, David; Anderson-Carnahan, Linda; Szerlog, Michael; Thiesing, Mary
Subject: Draft WOTUS Comments Deliberative Process / Ex. 5

So close now! Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Given the relatively narrow topics, some of you can probably feel “off the hook,” but thanks in advance for whatever comments you have.

Heather

Appointment

From: Meyer, Susan [meyer.susan@epa.gov]
Sent: 7/13/2016 3:39:16 PM
To: Meyer, Susan [meyer.susan@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]
Subject: HTL meeting today
Location: R10Sea-Room-20Chinook/R10-Rooms-Service-Center
Start: 7/13/2016 4:00:00 PM
End: 7/13/2016 6:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:25:39 PM
To: Dean, Heather [Dean.Heather@epa.gov]; Szerlog, Michael [Szerlog.Michael@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Meyer, Susan [meyer.susan@epa.gov]
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]
Subject: HTL Meeting-Room for EPA Staff
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 3/23/2016 4:00:00 PM
End: 3/23/2016 6:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 3/23/2016 2:26:18 PM
To: Dean, Heather [Dean.Heather@epa.gov]
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]

Subject: HTL Meeting-Room for EPA Staff
Attachments: Untitled Attachment
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Start: 4/20/2016 4:00:00 PM
End: 4/20/2016 6:00:00 PM
Show Time As: Busy

Recurrence: Weekly
every 2 week(s) on Wednesday from 9:00 AM to 11:00 AM

Appointment

To: Dean, Heather [Dean.Heather@epa.gov]
BCC: R10Sea-Room-20Cedar/R10-Rooms-Service-Center [R10Sea-Room-20Cedar@epa.gov]

Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center

Start: 6/29/2016 4:00:00 PM

End: 6/29/2016 6:00:00 PM

Show Time As: Busy

Recurrence: (none)

Appointment

From: Szerlog, Michael [Szerlog.Michael@epa.gov]
Sent: 1/19/2016 3:55:16 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]; Dean, Heather [Dean.Heather@epa.gov]
Subject: High tide line graphic
Location: I will call Heather
Start: 1/19/2016 7:30:00 PM
End: 1/19/2016 8:00:00 PM
Show Time As: Busy

Message

From: Dean, Heather [Dean.Heather@epa.gov]
Sent: 3/10/2016 3:43:45 AM
To: Dean, Heather [Dean.Heather@epa.gov]
Subject: HTL Study Sites & Matrix

Greetings,

I am working on my assignments stemming from yesterday's HTL meeting & wanted to touch base with you all on two issues before moving on to coordination with the other agencies:

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/1/2016 3:42:15 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: RE: Revised HTL Briefing Paper for Dennis

Thanks. Would that by Linda Tyson?

Also, I still need to do one for HQ's visit, right?

From: Szerlog, Michael
Sent: Thursday, September 01, 2016 8:36 AM
To: Dean, Heather <Dean.Heather@epa.gov>; Allnutt, David <Allnutt.David@epa.gov>; Murchie, Peter <Murchie.Peter@epa.gov>
Subject: RE: Revised HTL Briefing Paper for Dennis

Heather,

Thanks.

David and Peter,

It would be good to get any comments to Heather by noon so she can get them incorporated and send up to the RA's office in the afternoon. Thank you!

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Environmental Review and Assessment
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop OERA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov



From: Dean, Heather
Sent: Thursday, September 01, 2016 8:18 AM
To: Allnutt, David <Allnutt.David@epa.gov>; Murchie, Peter <Murchie.Peter@epa.gov>
Cc: Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: Revised HTL Briefing Paper for Dennis

Good morning, gentlemen.

If you haven't already started reviewing the paper I sent yesterday, look at this one, instead. It incorporates a few edits from Endre & Susan.

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/1/2016 3:18:13 PM
To: David Allnutt [Allnutt.David@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]
CC: Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: Revised HTL Briefing Paper for Dennis
Attachments: RA Briefing-HTL vs MHHW-ms,es,sm edits.docx

Good morning, gentlemen.

If you haven't already started reviewing the paper I sent yesterday, look at this one, instead. It incorporates a few edits from Endre & Susan.

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/1/2016 3:03:15 PM
To: Whitley, Annie [Whitley.Annie@epa.gov]
Subject: HTL Report
Attachments: **Deliberative Process / Ex. 5**

Hi, Annie. I'm attaching the HTL report for you. I need to check with Michael first about sharing it more broadly. It's **Deliberative Process / Ex. 5** I'll let you know.

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 8/31/2016 2:52:28 PM
To: David Allnutt [Allnutt.David@epa.gov]; Murchie, Peter [Murchie.Peter@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]
CC: Meyer, Susan [meyer.susan@epa.gov]; Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: Draft HTL Briefing Paper for Dennis
Attachments: RA Briefing-HTL vs MHHW.docx

Good morning. This briefing will be next Wednesday afternoon. To adhere to the timelines for getting it to the RA's office, please let me know if you have any edits, concerns, etc. by COB today.

Thanks!

Heather

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 6/29/2016 3:41:57 PM
To: Meyer, Susan [meyer.susan@epa.gov]; Szalay, Endre [Szalay.Endre@epa.gov]; Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: HTL Meeting-Room for EPA Staff

We've got Cedar (20th floor, south side) reserved.

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3CD3DF-DEAN, HEATHER]
Sent: 6/24/2016 8:02:38 PM
To: Murchie, Peter [Murchie.Peter@epa.gov]
Subject: Accepted: HTL EPA Team Huddle
Location: Peter's Office - can call folks as needed
Start: 6/24/2016 8:00:00 PM
End: 6/24/2016 8:30:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 4/7/2016 2:08:42 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: Hold for practice HTL field exercise until I nail down which day works for Phill Dionne
Location: out and about
Start: 5/10/2016 3:00:00 PM
End: 5/11/2016
Show Time As: Busy

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/14/2016 4:33:50 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: RE: High Tide Line GIS work?

K; thx.

From: Meyer, Susan
Sent: Monday, March 14, 2016 9:31 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: High Tide Line GIS work?

I have scattered meetings all over the place. I just gave you permission for my calendar – I think... or you look at it through scheduling assistant on the calendar page. Let me know. Thanks!

From: Dean, Heather
Sent: Monday, March 14, 2016 9:25 AM
To: Meyer, Susan <meyer.susan@epa.gov>
Subject: RE: High Tide Line GIS work?

Sure! What's your availability this week?

From: Meyer, Susan
Sent: Monday, March 14, 2016 9:15 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: High Tide Line GIS work?

Sure, if that's okay. I find this all very interesting. Thanks!

Susan

From: Dean, Heather
Sent: Monday, March 14, 2016 9:12 AM
To: Meyer, Susan <meyer.susan@epa.gov>
Subject: FW: High Tide Line GIS work?

Hi, Susan. Did you want to participate in this discussion with Tim?

From: Siwiec, Tim
Sent: Monday, March 14, 2016 9:05 AM
To: Dean, Heather <Dean.Heather@epa.gov>; Meyer, Susan <meyer.susan@epa.gov>
Cc: Pongkhamsing, Chan <Pongkhamsing.Chan@epa.gov>; Szerlog, Michael <Szerlog.Michael@epa.gov>
Subject: High Tide Line GIS work?

Heather, Susan,

I see Michael has submitted a task request for GIS and data support.

I should be able to help, let's discuss what you have in mind.

Thx

Task Information

Task Category*: *GIS and Data Support*

Task Description: *Work with Michael Szerlog, Heather Dean and Susan Meyer to provide GIS support to assist with High Tide Line interagency work group with NOAA and USACE. Also coordinate with NOAA and USACE GIS staff as appropriate.*

Tim Siwlec

U.S. Environmental Protection Agency | Region 10

1200 6th Avenue, Suite 900, OERA-140 | Seattle, WA 98101

206.553.2147

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 1/19/2016 3:56:10 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: High tide line graphic
Location: I will call Heather

Start: 1/19/2016 7:30:00 PM
End: 1/19/2016 8:00:00 PM
Show Time As: Busy

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:38:59 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: Accepted: Final HTL field day meeting set
Location: TBD
Start: 5/31/2016 7:00:00 AM
End: 6/1/2016 7:00:00 AM
Show Time As: Busy

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 2/11/2016 7:35:06 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: RE: HTL Matrix

Thanks, Susan! I'll share with the others once Endre weighs in.

From: Meyer, Susan
Sent: Thursday, February 11, 2016 10:03 AM
To: Dean, Heather <Dean.Heather@epa.gov>; Szalay, Endre <Szalay.Endre@epa.gov>
Subject: RE: HTL Matrix

Heather, this is fantastic and should prove to be very useful for decision-making. I added info for the OHWM, but not for the others. Thanks for doing this!

Susan

From: Dean, Heather
Sent: Thursday, February 11, 2016 9:18 AM
To: Szalay, Endre <Szalay.Endre@epa.gov>; Meyer, Susan <meyer.susan@epa.gov>
Subject: HTL Matrix

Hi. In yesterday's meeting, Michael referred to the matrix I had put together for the potential Clean Water Rule Q&A on HTL. He subsequently asked me to update & tweak it a bit, pass it through you guys, & then send it to other workgroup members. I've done the first thing & am now attaching it for you to take a look. If you could give me a thumbs up or down today, that would be great. Thanks!

BTW, there are four tabs in the workbook.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thanks much,

Heather

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/23/2016 3:26:24 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: RE: HTL Meeting-Room for EPA Staff

Oops; had to edit the recurring, 'cause the room wasn't available on the 6th, & must've deleted the 23rd, too. Fixed now; sorry.

From: Szerlog, Michael
Sent: Wednesday, March 23, 2016 8:23 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: HTL Meeting-Room for EPA Staff

Looks like you cancelled the meeting instead of updating it to a recurring? It removed it from my calendar.

Thanks

Michael J. Szerlog, Manager

Aquatic Resources Unit
Office of Ecosystems, Tribal, and Public Affairs
Environmental Protection Agency
1200 Sixth Avenue, Suite 900, Mailstop ETPA-202-2
Seattle, Washington 98101
(206) 553-0279
szerlog.michael@epa.gov
<< OLE Object: Picture (Device Independent Bitmap) >>

-----Original Appointment-----

From: Dean, Heather
Sent: Wednesday, March 23, 2016 8:04 AM
To: Szerlog, Michael; Szalay, Endre; Meyer, Susan
Subject: Canceled: HTL Meeting-Room for EPA Staff
When: Occurs every 2 week(s) on Wednesday effective 3/23/2016 until 6/29/2016 from 9:00 AM to 11:00 AM (UTC-08:00) Pacific Time (US & Canada).
Where: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Importance: High

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/9/2016 9:29:30 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: HTL Sites

Hi, Susan. Do you have a list or map of the research sites at which the different tidal elevations, including WOHWM, have already been located?

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/8/2016 1:14:00 AM
To: Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: HTL

Hi. I didn't get very far with DARTER, but here is WDFW's forage fish habitat map: <http://www.arcgis.com/home/webmap/viewer.html?webmap=19b8f74e2d41470cbd80b1af8dedd6b3>. I think the red & green (sand lance & smelt) are the two "biggies" that we could cross-reference to DARTER.

Deliberative Process / Ex. 5

Later....

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 3/16/2016 3:28:13 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: RE: HTL field trip

Actually, my unit might have one. I'll check.

From: Meyer, Susan
Sent: Wednesday, March 16, 2016 8:26 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: HTL field trip

Yes, I think we could/should combine it with the station sites. Do you know if EPA or anyone has a gps and knows how to use it?

From: Dean, Heather
Sent: Wednesday, March 16, 2016 8:15 AM
To: Meyer, Susan <meyer.susan@epa.gov>
Subject: RE: HTL field trip

Hmmm. I would think it would be best if we could be as accurate as possible with regard to elevations, since there's likely to be some debate, while we're there, as to the appropriate location of the line.

Question: Is the purpose of this field trip something that we could combine with a field trip to the 4-6 study sites, one of which will be Seattle?

From: Meyer, Susan
Sent: Tuesday, March 15, 2016 12:38 PM
To: Dean, Heather <Dean.Heather@epa.gov>; Murchie, Peter <Murchie.Peter@epa.gov>
Subject: HTL field trip

Heather and Peter, I would like your opinion, please. Tina Tong, a manager and technical staff from the Corps can make the field day on April 27, which everyone else (who wants to come) can also make, except Phil Dionne, the WDFW forage fish guy. He has a gps and extensive knowledge of forage fish issues, which I guess are not critical for this particular trip. Muffy may be able to make it, but won't commit yet. Sounds like those are the only possible Corps participants.

Should we schedule April 27 and attempt to find the elevations based on the observed water level at the time of our visit? It wouldn't be as precise as gps, but I think it will be close enough. The Seattle predicted tides for that day would work (see table below) as they are all to be below MHHW. Please let me know your thoughts. Thanks,

~Susan

Also, Peter, FYI, yesterday, the observed tides in Seattle were more than 2 ft above predicted and today about a foot above predicted.

Date	Day	Time	Hgt
04/26	Tue	02:22 AM	6.18 L

04/26	Tue	07:30 AM	9.57 H
04/26	Tue	02:22 PM	-0.48 L
04/26	Tue	09:27 PM	10.88 H
04/27	Wed	03:10 AM	6.49 L
04/27	Wed	08:08 AM	9.16 H
04/27	Wed	03:06 PM	-0.25 L
04/27	Wed	10:17 PM	10.78 H

Susan Meyer
 EPA Region 10
 Puget Sound and National Estuary Programs
 1200 6th Aveune, Suite 900
 Seattle, Washington 98101-3140
 206-553-1078
Meyer.susan@epa.gov

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 11/17/2015 3:09:49 AM
To: Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: HTL Meeting

Hi. I sent the attachments to you in a response to the meeting invite. Text me if you didn't get them, & I'll send via regular e-mail.

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 11/16/2015 4:15:06 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: Discuss High Tide Line as related to Treaty Rights at Risk meeting in DC
Location: R10Sea-Room-20Cedar/R10-Rooms-Service-Center
Start: 11/17/2015 4:00:00 PM
End: 11/17/2015 4:30:00 PM
Show Time As: Busy

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 10/22/2015 6:14:29 PM
To: Tracy DeGering [DeGering.Tracy@epa.gov]; Tracie Nadeau [Nadeau.Tracie@epa.gov]; Linda Storm [Storm.Linda@epa.gov]
Subject: Draft Q&A & Support Document for HTL
Attachments: Draft Q&A.docx; Q&A Support Doc.xlsx

Hi, all. Here is a draft Q&A & supporting document that HQ asked me to prepare. Let me know if you have any issues with either document.

Appointment

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/24/2015 6:09:16 PM
To: Szerlog, Michael [Szerlog.Michael@epa.gov]
Subject: Accepted: High Tide Line Discussion
Location: Teleconference and Adobe Connect
Start: 10/1/2015 4:00:00 PM
End: 10/1/2015 5:00:00 PM
Show Time As: Busy

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 6/6/2016 2:57:10 PM
To: Meyer, Susan [meyer.susan@epa.gov]
Subject: RE: More High Tide Line Mapping

Awesome; that was nice of him!

Deliberative Process / Ex. 5

From: Meyer, Susan
Sent: Friday, June 03, 2016 8:18 AM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: More High Tide Line Mapping

Deliberative Process / Ex. 5

BTW, You and I got some hefty kudos from Peter M. yesterday at our (PST) staff meeting. He praised our work on the technical side and is very hopeful for a good outcome. Yay! Go us!

From: Dean, Heather
Sent: Thursday, June 02, 2016 5:01 PM
To: Meyer, Susan <meyer.susan@epa.gov>
Subject: RE: More High Tide Line Mapping

Deliberative Process / Ex. 5

From: Meyer, Susan
Sent: Thursday, June 02, 2016 4:39 PM
To: Dean, Heather <Dean.Heather@epa.gov>
Subject: RE: More High Tide Line Mapping

Thank you!

From: Dean, Heather
Sent: Thursday, June 02, 2016 4:21 PM
To: Siwiec, Tim <Siwiec.Tim@epa.gov>
Cc: Meyer, Susan <meyer.susan@epa.gov>
Subject: More High Tide Line Mapping

Hi, Tim.

Last Monday, members of the HTL workgroup briefed Dennis & his counterparts at the Corps & NOAA.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thanks,

Heather

Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 8/24/2016 3:57:23 AM
To: Michael Szerlog [Szerlog.Michael@epa.gov]
Subject: Draft HTL Presentation for OERA
Attachments: So WTH is the HTL.pptx

Hi.

My draft presentation is attached. You'll want to view it as a slide show; otherwise, some elements won't be visible. If I do, indeed, have only 30 minutes, I'll need to pare it down a little bit. In addition, I need to make some tweaks on the transitions, & I still have to do my notes, which may cover some of the things that appear to be missing (e.g, TRAR). I also need to find out what happened in yesterday's meeting with the General.

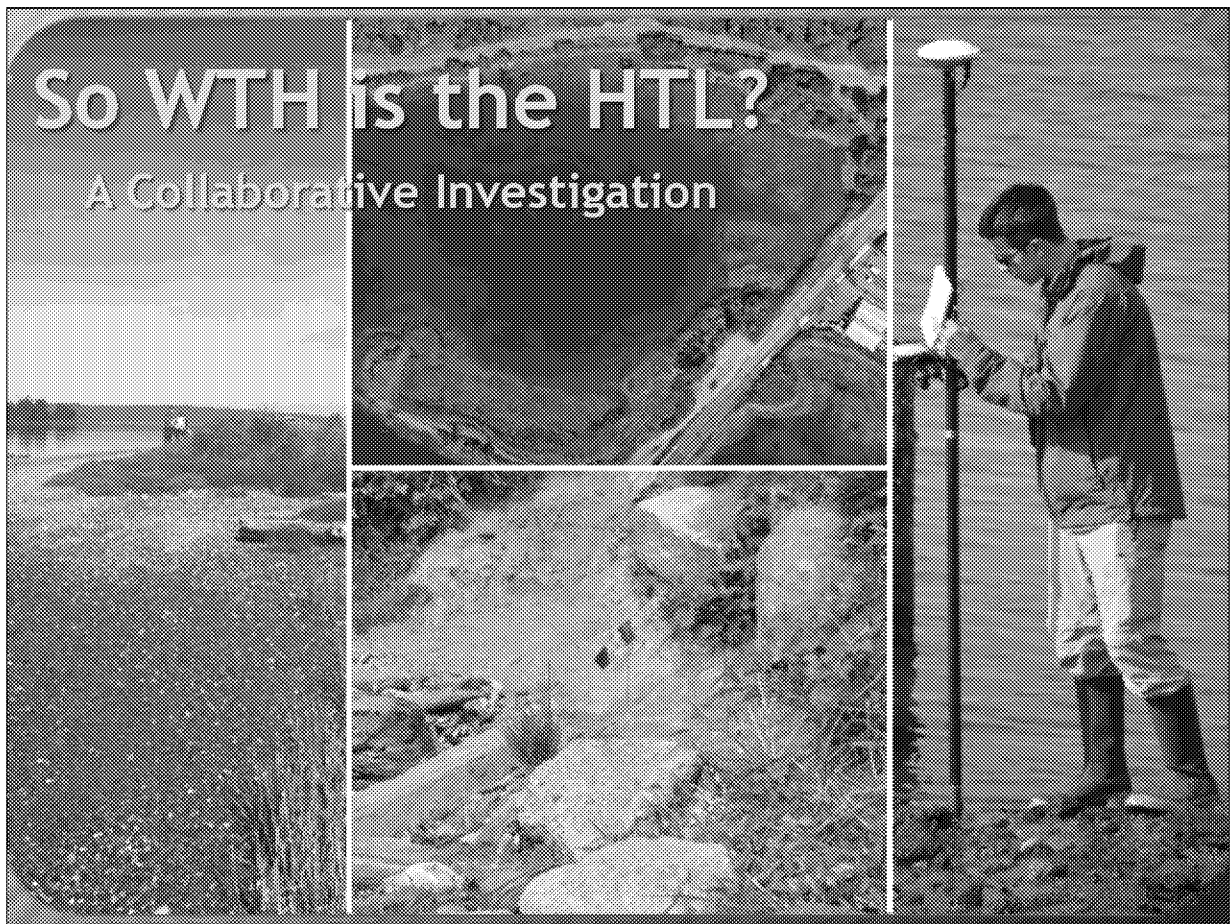
I won't be checking e-mail for the next three days, but feel free to call or text if you want to talk about it before Monday.

Thanks,

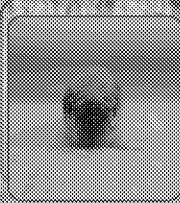
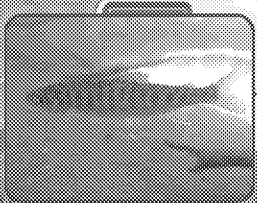
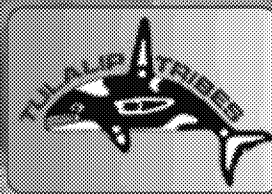
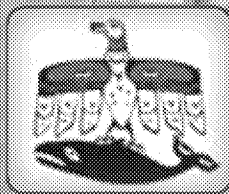
Heather

So WTH is the HTL?

A Collaborative Investigation



Who Cares?



HTL = High Tide Line

- Landward Extent of Clean Water Act Jurisdiction in Tidally Influenced WOTUS*
- Regulatory Definition:
 - Maximum height reached by a rising tide
 - Encompasses
 - spring high tides &
 - other high tides that occur with periodic frequency,
 - But *not* storm surges
- Defined only in the Corps of Engineers' regs, not EPA's
- Definition does not tie HTL to any tidal datum

* Waters of the United States. (Remember: )



So, what's the problem?

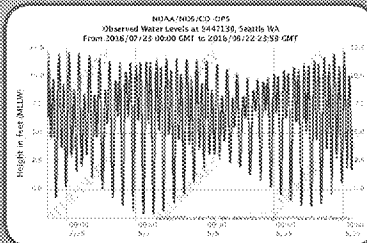
How Frequently Maximum?

Balancing Maximum Height
& Periodic Frequency

Astronomical Tides: Dictated by the Moon & Sun

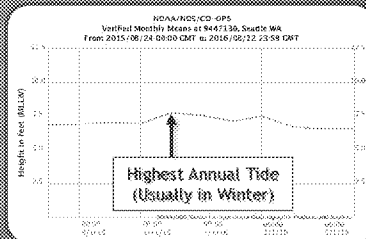
The variation is rhythmic, not only on a daily basis, but also...

Monthly,



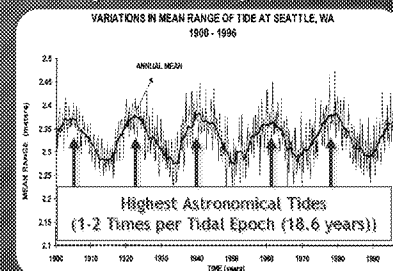
Spring Tides
(Twice per Lunar Month)

Annually,



Highest Annual Tide
(Usually in Winter)

& Epochal-ly(?)



Creating a "tide" of....

FANTASTIC TIDAL DATUMS!!!

COMIC BOOK

FANTASTIC TIDAL DATUMS

An obscure physical oceanographer employed
in the
Coast (Tides) and Lake Levels Division
of the
Office of Ocean and Earth Sciences
of the
National Ocean Service
of the
National Oceanic and Atmospheric Administration
of the
U.S. Department of Commerce
"Department of ~~Commerce~~" "Yes, Commerce!"

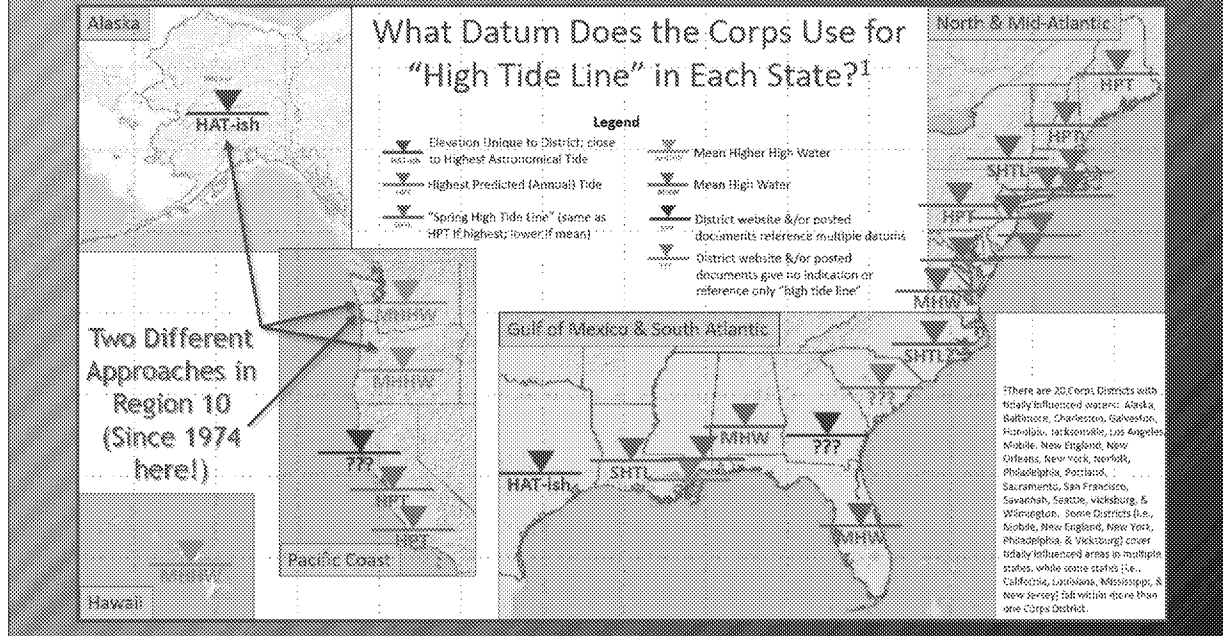
1989

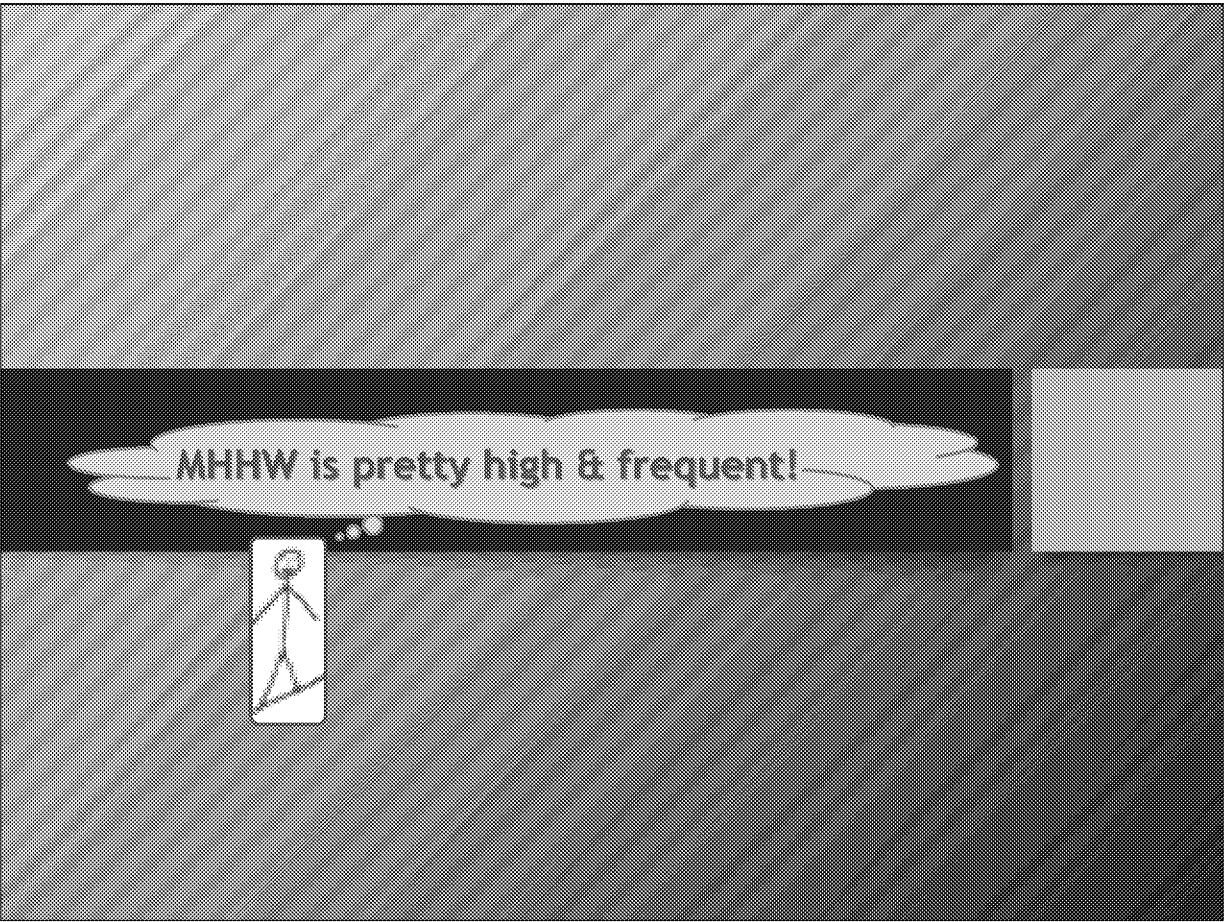
- Mean High Water (MHW)
- Mean Higher High Water (MHHW)
- Spring High Tide
- Mean Perigean Spring Tide (aka King Tide)
- Tropic Higher High Water
- Mean Highest Predicted Tide (MHPT)
- Washington Ordinary High Water Mark (WOHWM)
- Highest Astronomical Tide (HAT)

Which one's the HTL?

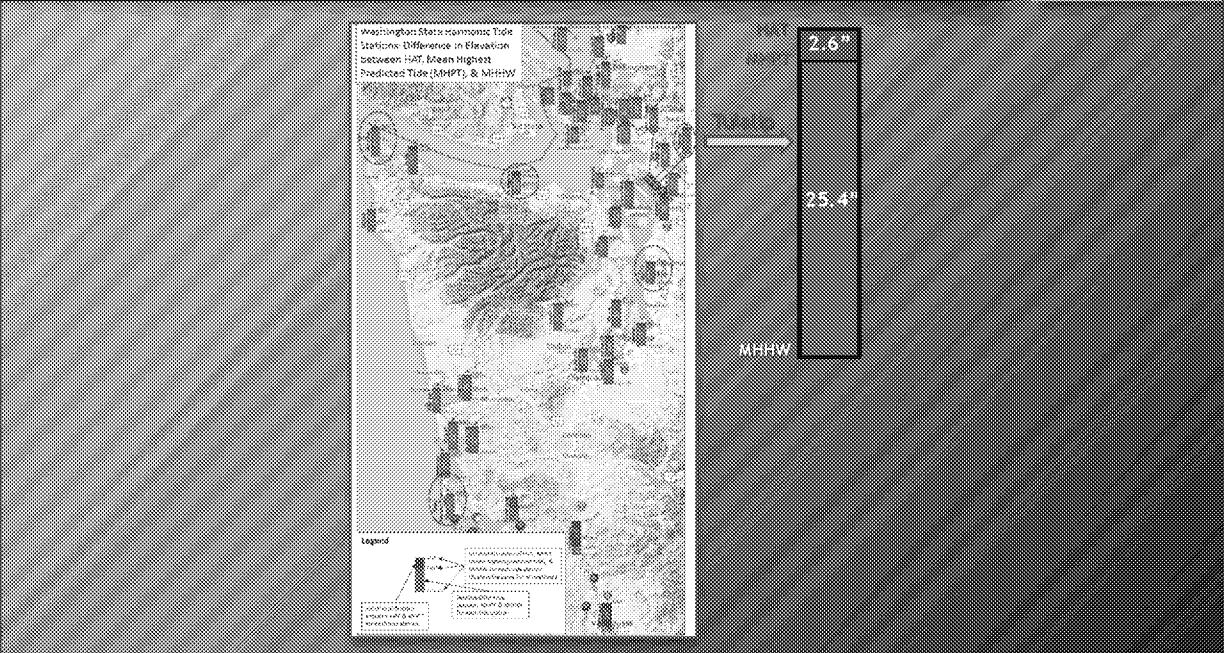


Six or More Different Answers!

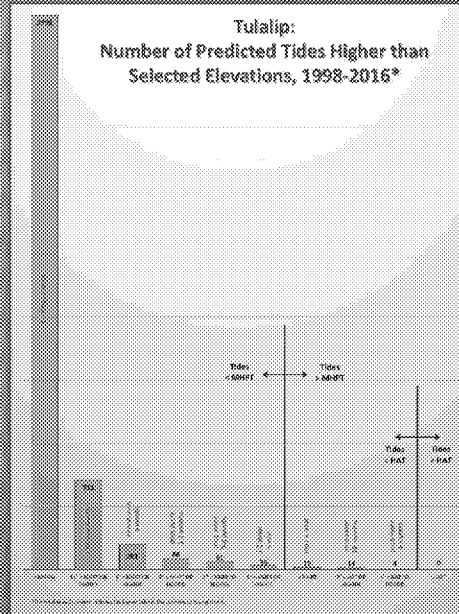




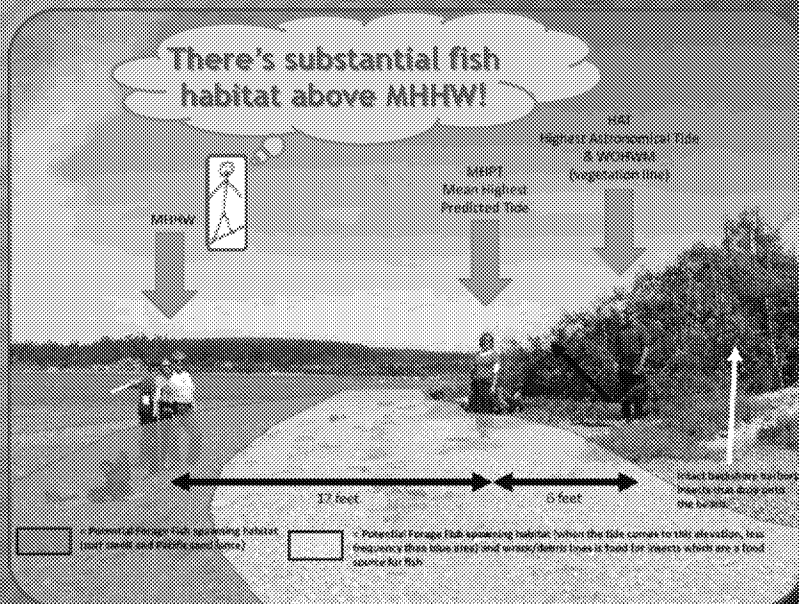
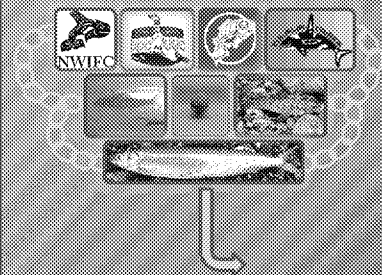
Yes, but it's far from the maximum tide...

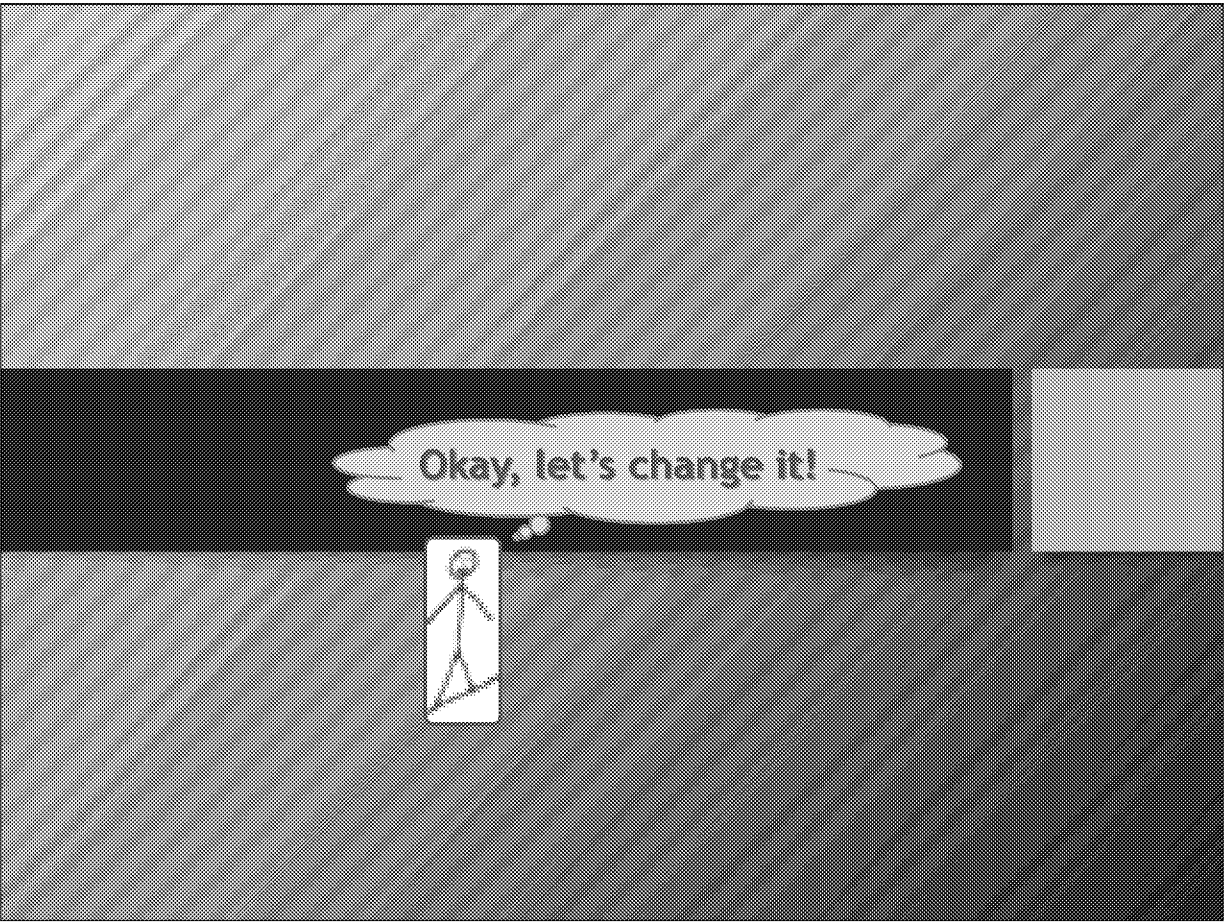


And the tide is higher than MHHW pretty frequently...

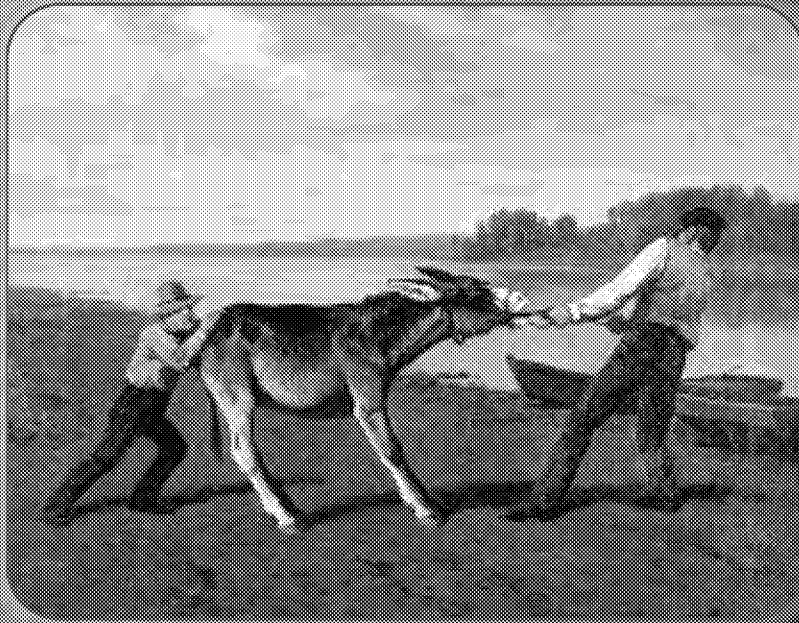


And don't forget...





Interagency Workgroup



What are my choices, again?



- Highest Astronomical Tide (HAT)
- Washington Ordinary High Water Mark (WOHWM)
- Mean Highest Predicted Tide (MHPT)
- Tropic Higher High Water
- Mean King Tide
- Mean Spring High Tide
- Mean Higher High Water (MHHW)
- Mean High Water (MHW)



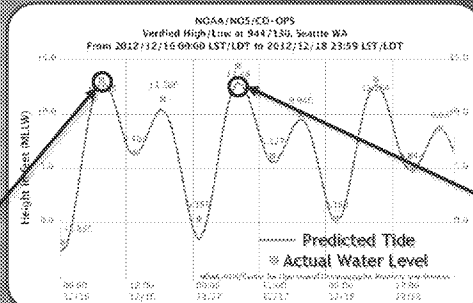
Deliberative Process / Ex. 5

Questions?

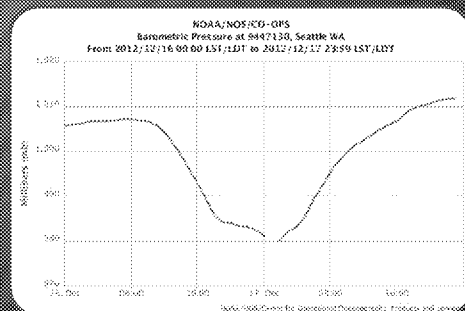
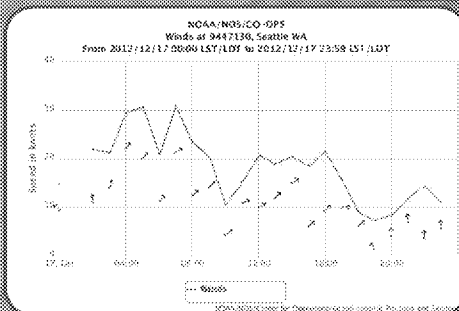
Wind & Pressure Also Affect Tides

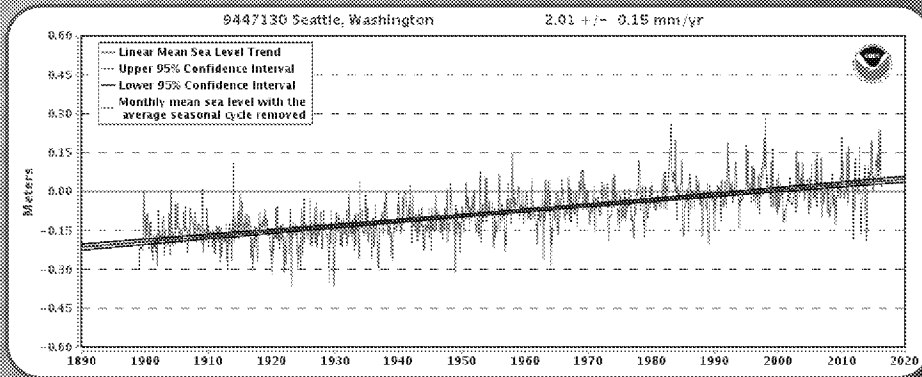
Seattle,
12/17/12

12/16: Highest Predicted Tide of the Year (Also a "King" Tide): 13.0'



12/17: Second Highest Predicted Tide: 12.9' @ 8:17 am





Message

From: Dean, Heather [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=544264942F0644FEAF7C86ABAEB3D3DF-DEAN, HEATHER]
Sent: 9/22/2015 9:58:23 PM
To: Brush, Jason [Brush.Jason@epa.gov]; Leidy, Robert [Leidy.Robert@epa.gov]
Subject: Origin of HTL
Attachments: 1977 Corps Regs.pdf

Here's the Corps' 1977 regs. The preamble discussion is in the lower left column on page 9 of the pdf.

TUESDAY, JULY 19, 1977

PART II



DEPARTMENT OF DEFENSE

**Department of the Army,
Engineers Corps**



REGULATORY PROGRAM OF THE CORPS OF ENGINEERS

Title 33—Navigation and Navigable Waters
CHAPTER II—CORPS OF ENGINEERS,
DEPARTMENT OF THE ARMY

Regulatory Programs of the Corps of Engineers

AGENCY: U.S. Army Corps of Engineers, DoD.

ACTION: Final rules.

SUMMARY: We are revising and reorganizing all regulations governing the permit programs of the Corps of Engineers. The new format is designed to make the policies and procedures more understandable to a person desiring to perform work in the waters of the United States. The Section 404 program (discharging dredged or fill material into the water) is being revised to clarify many terms and to provide for the issuance of nationwide permits. The new regulations should enable a person to get a quicker decision on his application. In the case of nationwide permits, no application at all is required.

EFFECTIVE DATE: July 19, 1977.

FOR FURTHER INFORMATION CONTACT:

Mr. Curtis Clark or Mr. Bernie Goode, Regulatory Functions Branch, phone: 202-693-5070 or Mr. William Hedeman, Chief Counsels Office, phone: 202-693-6169.

SUPPLEMENTARY INFORMATION: Because of the rapidly changing nature of the Corps' regulatory programs, we have prefaced this supplementary information with a historical background discussion.

HISTORICAL BACKGROUND

The Department of the Army, acting through the Corps of Engineers, is responsible for administering various Federal laws that regulate certain types of activities in specific waters in the United States and the oceans. The authorities for these regulatory programs are based primarily on various sections of the River and Harbor Act of 1899 (33 U.S.C. 401 et seq.), Section 404 of the Federal Water Pollution Control Act Amendments of 1972 (33 U.S.C. 1344) and Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413). Each of these laws will be discussed in further detail below.

THE RIVER AND HARBOR ACT OF 1899

Until recently, the regulatory programs of the Corps of Engineers were administered only pursuant to various sections in the River and Harbor Act of 1899. These include: Section 9 (33 U.S.C. 401); Section 10 (33 U.S.C. 403); Section 11 (33 U.S.C. 404); and Section 13 (33 U.S.C. 407).

Section 9 requires a permit from the Corps of Engineers to construct any dam or dike in a navigable water of the United States. The consent of Congress is also required if the navigable water is interstate, and the consent of the appropriate state legislature is required if the water is intrastate. Bridges and causeways con-

structed in navigable waters of the United States also require permits under Section 9, but the authority to issue these permits was transferred to the U.S. Coast Guard in 1966 when the Department of Transportation was created.

Section 10 identifies other types of structures or work in or affecting navigable waters of the United States that are prohibited unless permitted by the Corps of Engineers. However, unlike Section 9, the consent of Congress or a State legislature is not required. Section 10 requires permits from the Corps for structures in navigable waters such as piers, breakwaters, bulkheads, revetments, power transmission lines, and aids to navigation. It also requires permits for various types of work performed in navigable waters, including dredging and stream channelization, excavation and filling. In addition, any work that is performed outside the limits of a navigable water which affects its navigable capacity may also require a Section 10 permit.

The 1899 Act was enacted to protect navigation and the navigable capacity of the nation's waters. Section 11 focuses on this basic concern by allowing the Secretary of the Army to establish harbor lines landward of which piers, wharves, bulkheads, and other structures or work could be built or performed without a Corps permit. However, as will be noted below, these harborlines now serve only as guides to defining the offshore limits of these activities from the standpoint of their impact on navigation. They can no longer be relied upon as a substitute for the requirement to obtain a permit under the 1899 Act.

Violation of the provisions and requirements of Section 9, 10, or 11 of the 1899 Act can result in criminal prosecution. Section 12 specifies criminal fines that range between \$500 and \$2,500 per day of violation and/or imprisonment, either or both of which may be imposed upon conviction. In addition, Section 12 also provides for injunctive relief that may be sought by the United States to respond to violations of these Sections, including the restoration of the area to its original condition. See *U.S. v. Moretti*, 478 F. 2d 418 (5th Cir. 1975).

Until 1968, the Corps administered the 1899 Act regulatory program only to protect navigation and the navigable capacity of the nation's waters. The permit requirements of the Act were limited in their application to waters that were presently used as highways for the transportation of interstate or foreign commerce.

On December 18, 1968, the Department of the Army revised its policy with respect to the review of permit applications under Sections 9 and 10 of the 1899 Act. It published in the *FEDERAL REGISTER* a list of additional factors besides navigation that would be considered in the review of these applications. These included: fish and wildlife; conservation; pollution; aesthetics; ecology; and the general public interest. (33 CFR 209.120.)

The 1968 change in policy identified this new type of review as a "public interest review." It was adopted in re-

sponse to a growing national concern for environmental values as they related to our nation's water resources and in response to related Federal legislation, such as the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.), that required the consideration of some of these concerns in Federal decision-making. Enactment of the National Environmental Policy Act on January 1, 1970 (42 U.S.C. 4331 et seq.) gave further support to this change in policy.

The "public interest review" received its first judicial test in the case of *Zabel v. Tabb*, 430 F. 2d 199 (15th Cir. 1970), cert. den. 401 U.S. 910 (1972) in which the Court upheld the denial by the Corps of a landfill permit for fish and wildlife reasons (and not reasons related to navigation). In reaching this decision, the Court reaffirmed the Department of the Army's position that it was "acting under a Congressional mandate to collaborate and consider all of these factors" when it reached that decision.

In further response to the adoption of this public interest review, the Department of the Army revised its harborline regulation (33 CFR 209.150) on May 27, 1970. This revision made it clear that permits were required for any work commenced landward of an established harborline after May 27, 1970, and that these permit applications would receive a full public interest review. Of course, navigation concerns in this public interest review will be guided, in large part, by the presence of established harborlines.

During 1972, the Corps of Engineers reviewed all judicial decisions in which the term "navigable waters of the United States" had been interpreted in order to identify all waters to which Sections 9 and 10 of the 1899 Act could be applied. This analysis was made in response to the Federal government's growing concern over the protection of the nation's water resources and the need to protect those resources through the full mandate of available Federal laws.

On September 9, 1972, the Corps of Engineers published an administrative definition of the term "navigable waters of the United States" in the *FEDERAL REGISTER* (subsequently codified as 33 CFR 209.260). This definition was intended for use in the Corps' administration of Sections 9 and 10 of the 1899 Act, and included the following: (1) all waters presently used to transport interstate or foreign commerce (see *Daniel Ball v. United States*, 77 U.S. 557 (1871)); (2) all waters used in the past to transport interstate or foreign commerce (see *Economy Light and Power Company v. United States*, 258 U.S. 113 (1921)); all waters susceptible to use in their ordinary condition or by reasonable improvement to transport interstate or foreign commerce (see *United States v. Appalachian Electric Power Co.*, 311 U.S. 377 (1940)); and all waters subject to the ebb and flow of the tide (see *United States v. Moretti*, supra). The landward limit of this jurisdiction for freshwater was established as the ordinary high water mark and the shore-

ward limit for tidal water was established as the mean high water mark (mean higher high water mark on the West Coast).

On April 4, 1974, the Corps of Engineers published final revisions to its permit regulation (33 CFR 209.120) (Proposed revisions were published for interim guidance on May 10, 1973). These revisions were made for the following reasons:

a. To incorporate new permit programs established under Section 404 of the FWPCA and Section 103 of the MPRSA (discussed in more detail below);

b. To incorporate the requirements of new Federal legislation related to the review of the Federal permit applications, including: other sections of the FWPCA and the MPRSA; the National Environmental Policy Act of 1969, and the Coastal Zone Management Act of 1972, as amended (16 U.S.C. 1451 et seq.).

c. To adopt additional factors of concern in the public interest review, in response to this related legislation, including, in addition to those previously announced, the following: economics, historic values, flood damage prevention, land use classification, recreation, water supply, and water quality.

d. To adopt criteria that would also be considered in the evaluation of each permit application including the desirability of using appropriate alternatives; the extent and permanence of the beneficial and/or detrimental effects of the proposed activity; and the cumulative effect of the activity when considered in relation to other activities in the same general area;

e. To adopt a wetlands policy that would protect wetlands within the Corps jurisdiction from unnecessary destruction; and

f. To implement procedures that insured compliance with these new statutory and policy review requirements.

As previously noted, regulations have been published throughout the past years to implement Sections 9, 10, 11, and 13 of the 1899 Act. These regulations have all been included in Part 209 of Title 33 of the Code of Federal Regulations as follows:

a. 209.120. Permits for Activities in Navigable Waters and Ocean Waters.

b. 209.125. Dams and Dikes Across Waterways.

c. 209.131. Permits for Discharges of Deposits into Navigable Waters.

d. 209.150. Harbor Lines.

e. 209.260. Definition of Navigable Waters of the United States.

THE REFUSE ACT PERMIT PROGRAM

On April 7, 1971 the Corps of Engineers implemented the first nationwide program to regulate the discharge of pollutants into the nation's waters. Authority for this permit program was based on Section 13 of the River and Harbor Act of 1899 (33 U.S.C. 407), commonly referred to as "The Refuse Act", which prohibits the discharge of "refuse matter" into navigable waters of the United States or their tributaries, or onto the banks of such waters if the "refuse matter" is likely to be washed into a navi-

gable water. Regulations to implement this permit program were published in 33 CFR 209.131. On December 24, 1971, the permit program was enjoined by the District Court for the District of Columbia in the case of *Kalut v. Resor*, 335 F. Supp. 1, (D.D.C. 1971).

The Refuse Act permit program remained suspended until October 18, 1972, when Congress enacted the FWPCA. Section 402 of the FWPCA established the National Pollutant Discharge Elimination System program, which subsumed the Refuse Act permit program. Section 402(a) (5) provides that no permits may be issued under Section 13 of the 1899 Act for discharges into waters of the United States after 18 October 1972. However, the Refuse Act prohibitions can only be lifted by the issuance of an NPDES permit, and the Refuse Act remains a viable Federal enforcement mechanism for the discharge of pollutants into these waters without such a permit.

SECTION 404 OF THE FWPCA

On October 18, 1972, Congress enacted the Federal Water Pollution Control Act Amendments of 1972 with the announced purpose of restoring and maintaining the chemical, physical, and biological integrity of the Nation's waters. The FWPCA established a number of goals, requirements, prohibitions, and programs to achieve this purpose, and addressed the problems of water pollution by using many different approaches. The Amendments provide Federal financial assistance for major research and demonstration projects and the construction of publicly owned waste treatment works. They also provide programs to deal with various sources and types of pollution, including toxic, oil, and hazardous substances. Section 208 of the Act provides for the development and implementation of areawide waste treatment management planning processes to control all sources of pollution.

Section 301 of the FWPCA prohibits the discharge of pollutants from discernible conveyances (defined as "point sources") into "navigable waters", (defined in the FWPCA as "the waters of the United States, including the territorial seas"), unless the discharge is in compliance with Section 402 or 404 of the Act. As noted above, Section 402 establishes the National Pollutant Discharge Elimination System to regulate industrial and municipal point source discharges of pollutants into the Nation's waters. The NPDES permit program is administered by the Administrator of the Environmental Protection Agency, and provides an opportunity for the Administrator to transfer this responsibility to those States that have the authority and capability to assume responsibility for the administration of the NPDES program.

Section 404 of the FWPCA establishes a permit program, administered by the Secretary of the Army, acting through the Chief of Engineers, to regulate the discharge, into the waters of the United States, of dredged material and of those

pollutants that comprise fill material. Applications for Section 404 permits are evaluated by using guidelines developed by the Administrator of EPA, in conjunction with the Secretary of the Army (See 40 CFR 230). The Chief of Engineers can make a decision to issue a permit that is inconsistent with those guidelines if the interests of navigation require. Section 404(c) gives the Administrator, EPA, further authority, subject to certain procedures, to restrict or prohibit the discharge of any dredged or fill material that may cause an unacceptable adverse effect on municipal water supplies, shellfish beds and fishery areas (including spawning and breeding areas), wildlife, or recreational areas.

Violation of the prohibition specified in Section 301 of the FWPCA against discharging pollutants into the waters of the United States without a required permit under Section 402 or 404, or permit conditions, or of other requirements of the FWPCA, can result in civil fines of not more than \$10,000 per day of violation, criminal fines of up to \$50,000 per day of violation, imprisonment, and/or injunctive relief, including restoration of the area to its original condition. The exact provisions for Federal enforcement of the FWPCA are established in Section 309. (33 U.S.C. 1319).

As part of the revisions to its April 3, 1974 permit regulation, the Department of the Army published regulations to implement the Section 404 permit program. These regulations limited the Section 404 permit program to the same waters that were being regulated under the River and Harbor Act of 1899: waters that are subject to the ebb and flow of the tide shoreward to their mean high water mark (mean higher high water mark on the West Coast) and/or waters that are presently used, were used in the past, or are susceptible to use to transport interstate or foreign commerce.

The Natural Resources Defense Council and the National Wildlife Federation challenged this limitation on the jurisdiction of Section 404 as being inconsistent with the intent of Congress to regulate "all waters of the United States," as expressed in the FWPCA's definition of "navigable waters." Concern was expressed over the need to regulate the entire aquatic system, including all of the wetlands that are part of it, rather than only those aquatic areas that are arbitrarily distinguished by the presence of an ordinary or mean high water mark. (A major portion of the coastal wetlands are above the mean high water mark and were outside the permit review requirements of Section 404 by this interpretation.) Concern was expressed over the need to regulate the many tributary streams that feed into the tidal and commercially navigable waters (all of which were subject to regulation under the Refuse Act and NPDES programs) since the destruction and/or degradation of the physical, chemical, and biological integrity of each of these waters is threatened by the unregulated discharge of dredged or fill material. And concern was expressed for the many

other waters, including lakes, isolated wetlands, and potholes, whose degradation, destruction, and disappearance continues to increase at alarming rates.

On March 27, 1975, the District Court for the District of Columbia ordered the revocation and rescission of that part of the Department of the Army's regulation "which limits the permit (Section 404) jurisdiction of the Corps by definition or otherwise to other than the waters of the United States." The Court further ordered publication of proposed regulations within 15 days (later amended to 40 days) which clearly recognized the full regulatory mandate of the FWPCA with respect to Section 404, and final regulations within 30 days of the date of the order (later amended to 80 days). *NRDC v. Callaway*, 392 F. Supp. 685 (D.D.C. 1975).

Responding to this court order, the Corps published four alternative proposed regulations in the *FEDERAL REGISTER* for comment on May 6, 1975. Over 4,500 comments were received in response to these proposed regulations. Many of these comments assisted the Corps in developing an administrative definition of "navigable waters" that was consistent with the intent and objectives of the FWPCA, and also in developing a program that was responsive to many of the concerns raised by the comments.

On July 25, 1975, the Corps of Engineers published an interim final regulation in the *FEDERAL REGISTER*. The interim final regulation essentially melded revisions to the Section 404 program into the previously published April 3, 1974 regulation. It included administrative definitions of "navigable waters", "dredged material", and "fill material", and procedural mechanisms to avoid unnecessary duplicative review in those states that have permit programs similar to Section 404.

The interim final regulation administratively defined the term "navigable waters" to include: coastal waters, wetlands, mudflats, swamps, and similar areas; freshwater lakes, rivers, and streams that are used, were used in the past, or are susceptible to use to transport interstate commerce, including all tributaries to these waters; interstate waters; certain specified intrastate waters, the pollution of which would affect interstate commerce; and freshwater wetlands, including marshes, shallows, swamps, and similar areas that are contiguous or adjacent to the above described lakes, rivers, and streams, and that are periodically inundated and normally characterized by the prevalence of vegetation that requires saturated soil conditions for growth and reproduction.

The regulation also specified that permits would not be required for discharges beyond the "headwaters" of a river or stream unless the interests of water quality required assertion of jurisdiction above the headwaters. "Headwaters" was defined as "the point on the stream above which the flow is normally less than 5 cubic feet per second * * *."

Any material that is excavated or dredged from a water of the United States and reintroduced into a water of

the United States is considered to be the "discharge of dredged material" for purposes of Section 404.

"Fill material" was defined to include the following activities: the creation of fastlands, elevations of land beneath waters of the United States, or impoundments; the building of any structure or impoundment requiring rock, sand, dirt, or other pollutants for its construction; site-development fills; causeway or road-fills; dams and dikes; artificial islands; property protection and/or reclamation devices such as riprap, groins, and breakwaters; beach nourishment; levees; and backfill for various structures and utility lines.

The regulation also identified certain types of activities that were excluded from the program because they do not involve the discharge of dredged or fill material into water. Plowing, seeding, cultivating, and harvesting for the production of food, fiber, and forest products were included in this list of excluded activities. Also excluded from the program was material placed for maintenance and emergency reconstruction of existing fills.

The July 25 regulation adopted a phase-in schedule to implement the permit requirements of Section 404 for discharges in the above defined waters, and also included authority for District Engineers to issue general permits for those discharges that cause only a minor individual and cumulative impact to the environment. Phase I began immediately upon publication of the regulation, and included all waters subject to the ebb and flow of the tide and/or waters that are, were, or are susceptible to use for commercial navigation purposes (waters already being regulated by the Corps) plus all adjacent wetlands to these waters (thus eliminating the artificial ordinary high water and mean high water mark distinctions). Phase II became effective on September 1, 1976 (originally scheduled for July 1, 1976, but postponed for 60 days by Presidential action), and included primary tributaries to the Phase I waters and lakes greater than five acres in surface area, plus wetlands adjacent to these waters. Phase III, requiring permits for discharges of dredged or fill material into all waters of the United States, became effective on July 1, 1977. Discharges that occur in a particular waterbody before a scheduled phase-in date are permitted by the regulation, subject to six specified conditions. Also permitted by the regulation are certain minor discharges, again subject to the same conditions.

Various policies and procedures were also included in this regulation to allow joint review and processing of applications for Section 404 permits in those states with programs similar to Section 404.

On September 5, 1975, EPA published interim final guidelines to be used in the evaluation of proposed discharges of dredged or fill material. These interim guidelines are published in 40 CFR Part 230.

A number of courts have had occasion to consider whether particular waters, including wetlands, are "waters of the

United States" within the scope of the FWPCA. The first case to address whether wetlands beyond the mean high water mark of traditional navigable waters of the United States were subject to the FWPCA was *United States vs. Holland*, 373 F. Supp. 665 (M.D. Fla., 1974) in which the Court held:

The court is of the opinion that the mean high waterline is no limit to Federal authority under the FWPCA. While the line remains a valid demarcation for other purposes, it has no rational connection to the aquatic ecosystems which the FWPCA is intended to protect. Congress has wisely determined that Federal authority over water pollution properly rests on the commerce clause and not on past interpretations of an act designed to protect navigation. And the Commerce clause gives Congress ample authority to reach activities above the mean high water line that pollute the waters of the United States.

Other Courts have pursued the same theme, and often use the Holland rationale to support their position. These include the following: *United States v. Ashland Oil and Transportation Co.*, 504 F.2d 1317 (6th Cir. 1974), involving discharges of oil into a tertiary tributary to a navigable water of the United States; *United States v. P.F.Z. Properties, Inc.*, 393 F. Supp. 1370, 1381 (D.D.C. 1975) and *Leslie Salt v. Froehke*, 403 F. Supp. 1292, 1296-1297 (N.D. Cal. 1974)—each involving discharges of dredged or fill material into navigable waters of the United States; *Conservation Council of North Carolina v. Costanzo*, 398 F. Supp. 653, 673 (E.D. N.C. 1975); *United States v. Smith*, 7 ERC 1936, 1938-1939 (E.D. Va., 1975); *United States v. Golden Acres, Inc.*, No. 76-0023-CIV-4, slip opinion p. 5-6 (E.D. N.C., Jan. 13, 1977); *United States v. Riverside Bayview Homes, Inc.*, Civil Action No. 77-76041 (E.D. Mich., Feb. 24, 1977)—all involving discharges into wetlands adjacent to navigable waters of the United States or a primary tributary thereof in which the wetland area is located above the mean high tide line or ordinary high water mark but is still periodically inundated and covered with aquatic vegetation; and *United States v. Byrd and Elder*, ERC 1276 (N.D. Ind., August 13, 1976) involving the discharge of fill material into a natural freshwater lake.

SECTION 103 OF THE MARINE PROTECTION, RESEARCH AND SANCTUARIES ACT OF 1972

Five days after enactment of the FWPCA, Congress enacted the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413). This Act, commonly referred to as the "Ocean Dumping Act", has many provisions that resemble the approach taken by the FWPCA to regulate activities that can pollute or otherwise adversely affect the ocean waters.

Section 102 of the Act vests authority in the Administrator, EPA, to issue permits, after notice and opportunity for public hearing, for the transportation from the United States of material that is intended to be dumped in ocean waters. "Material" is defined in the Act to include most liquid, solid, or suspended solid substances. Before issuing a permit,

the Administrator is required to determine that the proposed dumping will not unreasonably degrade or endanger human health, welfare or amenities, or the marine environment, ecological systems or economic potentialities. The Act also requires him to establish ocean dumping criteria to be used in making this evaluation.

Section 103 of the Ocean Dumping Act is similar to Section 404 of the FWPCA in that it creates a separate permit program to be administered by the Secretary of the Army, acting through the Chief of Engineers, to regulate the ocean dumping of dredged material. The Act requires the Corps of Engineers to make the same evaluation that is required of the Administrator for the ocean dumping of other materials, and to make this evaluation, by using the ocean dumping criteria developed by the Administrator. The Act also requires the Corps of Engineers to utilize ocean dumping sites that have been designated by the Administrator, EPA, to the maximum extent feasible.

If the EPA criteria prohibit ocean dumping, the Act requires the Corps of Engineers to make an independent determination as to the need for the proposed dumping based upon an evaluation of the potential affect that would occur to navigation, economic and industrial development, and foreign and domestic commerce of the United States if a permit were denied. An independent determination as to other proposed methods of disposal of dredged materials and appropriate locations for ocean dumping must also be made by the Corps of Engineers in the review of applications for ocean dumping.

No permit may be issued to dump dredged material in the oceans if the dumping does not comply with the EPA criteria unless the Secretary of the Army seeks a waiver of the criteria from the Administrator after certifying that there is no economically feasible method or site available other than the proposed dump site under consideration. The Act requires the Administrator to grant this waiver unless he finds that the proposed dumping will result in an unacceptable adverse impact on municipal water supplies, shellfish beds, wildlife, fisheries, or recreational areas.

The EPA criteria for evaluating the ocean dumping of all material, including dredged material, are published in 40 CFR Parts 220-228. These criteria were revised by EPA, and the revisions are published in the FEDERAL REGISTER dated 11 January 1977 (42 FR 2462).

Violation of any provision or requirement of the Ocean Dumping Act can result in criminal or civil penalties of not more than \$50,000 per day of violation, imprisonment, and legal actions to enjoin imminent or continuing violations of the Act.

REVISIONS TO REGULATIONS

The Corps of Engineers published its July 25, 1975 regulation as an interim final regulation, and provided a comment period of 90 days in which inter-

ested members of the public could comment further on the regulation before it was finalized. Today, we are finalizing that regulation. We wish to take this opportunity to thank again those 2,000 individuals, government officials, special interest groups, and companies who responded to this opportunity for additional comment. Many of you will find that your suggestions have been developed in the revisions to our regulation.

In addition to the 2,000 comments received on the interim final regulation, the Corps of Engineers held four nationwide public hearings on the Section 404 program and 243 information meetings that have assisted us in these revisions.

We now have almost two years of experience in administering the Section 404 program as revised by the July 25, 1975 regulation, and over three years of experience in the administration of our other permit programs since publication of the April 3, 1974 regulation. This experience has revealed some problem areas that require correction. Our District and Division offices have raised these concerns with us, and we have attempted to respond to these problems in revisions to the regulation.

One of the primary criticisms of the existing regulation was its length, organization and wordiness. We have responded to this concern by deleting redundant paragraphs, rewording sentences, and completely reorganizing the regulations. This includes a new format that incorporates related regulations into an orderly sequence.

Today, we are rescinding the following regulations:

- a. 33 CFR 209.120, "Permits for Activities in Navigable Waters or Ocean Waters";
- b. 33 CFR 209.125, "Dams and Dikes Across Waterways";
- c. 33 CFR 209.131, "Permits for Discharges or Deposits into Navigable Waters";
- d. 33 CFR 209.133, "Public Hearings";
- e. 33 CFR 209.150, "Harbor Lines"; and
- f. 33 CFR 209.260, "Definition of Navigable Waters of the United States."

We are also, today, publishing the following new regulations, each of which generally corresponds with one of the above cited regulations that is being rescinded. All regulations that pertain completely to the permit programs of the Corps of Engineers, are being published in a new series of Title 33 of the Code of Federal Regulations, and will be included in Parts 320 to 340. This new series is organized as follows:

- a. Part 320, "General Regulatory Policies";
- b. Part 321, "Permits for Dams and Dikes in Navigable Waters of the United States" (Section 9 of the River and Harbor Act of 1899);
- c. Part 322, "Permits for Structures or Work in or Affecting Navigable Waters of the United States" (Section 10 of the River and Harbor Act of 1899);
- d. Part 323, "Permits for Discharges of Dredged or Fill Material into Waters of the United States" (Section 404 of the FWPCA);
- e. Part 324, "Permits for Ocean Dumping of Dredged Material" (Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972);

- f. Part 325, "Processing of Department of the Army Permits";
- g. Part 326, "Enforcement";
- h. Part 327, "Public Hearings";
- i. Part 328, "Harbor Lines";
- j. Part 329, "Definition of Navigable Waters of the United States";
- k. Parts 330-339 (Reserved).

The following is an explanation of each new part of this regulation, including the reasons for significant changes that have been made. We will also respond to significant comments that were made in response to various provisions in this regulation.

PART 320

This Part describes the general and related statutory authorities that are used by the Corps of Engineers in administering the various permit programs to regulate activities in waters of the United States and the oceans. The part also describes the general policies that are used by the Corps in the review of each permit application, including: (1) The public interest review described above; and (2) policies on wetlands; fish and wildlife; water quality; historic, scenic, and recreational values; effects on limits of the territorial sea; interference with adjacent properties or Federal projects; and requirements for other Federal, State, or local permits or certifications. This part generally corresponds to the provisions in paragraphs (a), (b), (c), (f), and (g) (1), (3), (4), (5), (6), (10) and (18) of rescinded § 209.120.

We have added descriptions of each of the following Federal statutes to the list of "related legislation" in § 320.3 of this Part, since each of these laws is involved with or related to the review of applications for Federal permits. These include: The Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.); The Deepwater Port Act of 1974 (33 U.S.C. 1501 et seq.); The Marine Mammal Protection Act of 1972 (16 U.S.C. 1361 et seq.); Section 7(a) of the Wild and Scenic Rivers Act (16 U.S.C. 1278 et seq.); and Section (f) of the Land and Water Conservation Fund Act of 1965 (16 U.S.C. 4601-4 et seq.).

In § 320.4(a), we have added three additional items to the list of factors that comprise our public interest review: Energy needs, safety, and food requirements.

Several modifications have been made to our wetlands policy in § 320.4(b). We identified those wetlands "whose destruction or alteration would affect detrimentally the natural drainage characteristics, sedimentation patterns, salinity distribution, flushing characteristics, current patterns or environmental characteristics," as one of the types of wetlands that is important to the public interest. (Previously this valuable wetlands function was only recognized if the wetlands that perform it were located next to the wetlands described in the first two subsections.) We also added to the list of functions those wetlands which through natural water filtration processes, serve to purify water. Finally, we have attempted to clarify our guidance on determining whether a particular wetlands

alteration is "necessary". The change now requires the District Engineer to consider whether the proposed activity "is primarily dependent on being located in or in close proximity to the aquatic environment and whether feasible alternative sites are available." Applicants are required to provide sufficient information to make this evaluation. We believe that this change more closely corresponds to the wetlands policy in the Section 404 Guidelines (40 CFR 230.5(b)(8)).

At the request of the Department of the Interior, we have added sites acquired under the Recreational Demonstrations Projects Act of 1942 (PL 77-594) to the types of sites for which the policy in § 320.4(e) on historic, scenic, and recreational values is applicable.

Clarifying language has been added to our policy in § 320.4(j) on other permits or certifications required for the same activity to ensure that it is applicable to all Federal, State and/or local permits or certifications. Under this policy, we will process permit applications concurrently (and in many cases we plan to do this jointly) with other required applications for Federal, State and/or local permits or certifications. If another required permit or certification is denied, we will not issue a permit.

To ensure that this policy cannot be used as a mechanism to delay decision-making on our permit application processing and decision-making, however, we also have modified it to allow the District Engineer to process a permit application to conclusion if the responsible government agency fails to take any definitive action to issue or deny its permit or certification within three months of our public notice.

We have added two new general policies to the review of all applications for permits. Section 320.4(k) includes a policy on the safety of impoundment structures that requires the District Engineer to condition permits for these types of structures to require the permittee to operate and maintain the structure properly to ensure public safety. This policy is not applicable, however, to impoundment structures for which an adequate safety inspection program is required or which are under the control of another Federal agency. Section 320.4(l) includes a policy on the review of permit applications in floodplains as required by the May 24, 1977 Executive Order 11988.

PART 321

This part describes the special policies and procedures that are followed in the review of applications for dams or dikes to be located in a navigable water of the United States. As noted above, this review is made under Section 9 of the River and Harbor Act of 1899 (33 U.S.C. 401). The general policies described in Part 320 and the general procedures described in Part 325 are also applicable to the review of these applications.

Part 321 replaces 33 CFR 209.125, which has been rescinded. We have defined the terms "navigable waters of the United States", "dam", and "dike" in this part to specify the types of waters to which

Section 9 is applicable, and the type of structures that will require Section 9 permits. We anticipate that our administrative definitions of "dam" and "dike" in Section 321.2 will assist in distinguishing these types of structures from those that would otherwise be regulated under Section 10 of the River and Harbor Act of 1899.

In all other respects, the language in Part 321 resembles that in rescinded § 209.125.

PART 322

This part prescribes the special policies and procedures to be followed by the Corps in the evaluation of applications for structures or work in or affecting navigable waters of the United States pursuant to Section 10 of the River and Harbor Act of 1899. The general policies specified in Part 320.4 and the general procedures specified in Part 325 also are applicable to this evaluation. Furthermore, some of the activities that fall under this Part will also require permits under Section 404 of the FWPCA and Section 103 of the Ocean Dumping Act.

This Part corresponds to those sections of rescinded 33 CFR 209.120 that incorporated the Section 10 program. These include paragraphs (d) (1), (e) (1) and (4), and (g) (2), (7), (8), (9), (11), (13), (14), (15) and (16).

We have adopted administrative definitions of the terms "structure" and "work" to identify the types of activities that will require Section 10 permits (Sec. 322.2).

The 1975 regulation administratively "grandfathered" certain types of activities performed in navigable waters of the United States (see rescinded 33 CFR 209.120(g) (12) (vii)) and exempted others altogether from the need to obtain Section 10 permits (see rescinded 33 CFR 209.120(e) (1)). This latter category included the placement of aids to navigation by the U.S. Coast Guard and structures placed in artificial canals, the connection of which previously was authorized by a Section 10 permit.

Today, instead of again exempting or grandfathering these activities, we are permitting them through the issuance of nationwide permits that are incorporated into this regulation. We have also included other small structures in these nationwide permits that are often placed in navigable waters and have only a de minimus impact on the environment. We are issuing nationwide permits for these activities because we feel that this administrative device is preferable to those affected by it, and is a better administrative approach than relying on a "grandfathering" or "exemption" provision to satisfy the requirements of the 1899 Act.

The following activities are subject to these nationwide permits (see § 322.4):

1. The placement of aids to navigation by the U.S. Coast Guard;
2. Structures constructed in artificial canals within principally residential developments where the connection of the canal to a navigable water already has received a Section 10 permit;
3. Repair, rehabilitation, or replacement of any previously authorized, cur-

rently serviceable structure, or of any currently serviceable structure constructed prior to the requirement for a Section 10 permit (no deviation from original plans is authorized);

4. Marine life harvesting devices, such as pound nets, crab pots, cel pots, and lobster traps;

5. Staff and tidal gages, water recording devices, water quality testing and improvement devices, and similar scientific structures;

6. Survey activities including core sampling; and

7. Structures of work completed before December 18, 1968 (the date on which we adopted our public interest review) or in navigable waters over which the District Engineer has not asserted jurisdiction.

The nationwide permit imposes conditions on each of these structures, primarily to protect navigation.

Besides the nationwide permit, three other types of authorizations are used to issue Section 10 permits. These are:

1. Letters of permission—an individual permit issued following the abbreviated review procedures outlined in § 325.5(b);

2. Individual permits—permits issued following a case-by-case analysis of an application; and

3. General permits—permits issued for future minor work or structures in a particular region of the country that will have only minimal individual and cumulative impact on the environment.

We have included definitions of each of these terms in the regulation (§ 322.2). A person needing a Section 10 permit should first check to see whether the proposed project has already been permitted by a general permit or in this Part through a nationwide permit.

In all other respects, this regulation remains basically the same as published in 1975.

PART 323

This Part prescribes the special policies and procedures to be followed by the Corps in the evaluation of applications for permits to discharge dredged or fill material into the waters of the United States pursuant to Section 404 of the FWPCA. Again, as we have noted in Parts 321 and 322, the general policies specified in Part 320 and the general procedures specified in Part 325 also would be applicable to this evaluation. Furthermore, some of the activities that fall under Section 404 will also require permits under Sections 9 and 10 of the River and Harbor Act of 1899 (Parts 321 and 322).

This Part corresponds to those sections of the rescinded 33 CFR 209.120 that incorporated the Section 404 program. These include: paragraphs (d) (2), (4), (5), (6), (7) and (8) and (g) (17).

Section 404 provides that the Corps of Engineers may issue permits, after notice and opportunity for public hearing, for "discharges of dredged or fill material into navigable waters". The majority of comments received on the July 25, 1975 interim final regulation were in response to our definitions of terms "navigable waters", "dredged material", and "fill material".

The legislative history of the term "navigable waters" specified that it "be given the broadest constitutional interpretation unencumbered by agency determinations which have been made or may be made for administrative purposes." (H.R. Report No. 92-1465 at 144; A Legislative History of the FWPCA at p. 327). Article 1, Section 8 of the Constitution gives the Federal Government the authority "to regulate commerce with foreign Nations and among the several states." We have interpreted the guidance contained in this legislative history to be consistent with the Federal Government's broad constitutional power to regulate activities that affect interstate commerce as interpreted by the Supreme Court on several occasions. *Perez v. United States*, 402 U.S. 146 (1970); *Katzenbach v. McClung*, 379 U.S. 294 (1974); *Heart of Atlanta Motel, Inc. v. United States*, 379 U.S. 241 (1964); and *Wickard v. Filburn*, 317 U.S. 111 (1942).

Water pollution is one such activity, for as the Court stated in *U.S. v. Holland*, supra., "Congress has wisely determined that Federal authority over water pollution properly rests on the commerce clause. And the commerce clause gives Congress ample authority to reach activities * * * that pollute the waters of the United States." (See also the cases cited above on defining "waters of the United States" which affirmed the constitutionality of Congress' broad assertion of jurisdiction.)

We followed this basic premise in the development of our administrative definition of "navigable waters" for the July 25, 1975 regulation, and we have followed it again in our efforts to clarify that definition in this regulation.

Our definition of "navigable waters" in the 1975 regulation included the following:

- (1) Coastal waters that are navigable waters of the United States subject to the ebb and flow of the tide, shoreward to their mean high water mark (mean higher high water mark on the Pacific coast);
- (2) All coastal wetlands, mudflats, swamps, and similar areas that are contiguous or adjacent to other navigable waters. "Coastal wetlands" includes marshes and shallows and means those areas periodically inundated by saline or brackish waters and that are normally characterized by the prevalence of salt or brackish water vegetation capable of growth and reproduction;
- (3) Rivers, lakes, streams, and artificial water bodies that are navigable waters of the United States up to their headwaters and landward to their ordinary high water mark;
- (4) All artificially created channels and canals used for recreational or other navigational purposes that are connected to other navigable waters, landward to their ordinary high water mark;
- (5) All tributaries of navigable waters of the United States up to their headwaters and landward to their ordinary high water mark;
- (6) Interstate waters landward to their ordinary high water mark and up to their headwaters;
- (7) Intrastate lakes, rivers and streams landward to their ordinary high water mark and up to their headwaters that are utilized:

- (a) By interstate travelers for water-related recreational purposes;
- (b) For the removal of fish that are sold in interstate commerce;
- (c) For industrial purposes by industries in interstate commerce; or
- (d) In the production of agricultural commodities sold or transported in interstate commerce;
- (8) Freshwater wetlands, including marshes, shallows, swamps, and similar areas that are contiguous or adjacent to other navigable waters and that support freshwater vegetation. "Freshwater wetlands" means those areas that are periodically inundated and that are normally characterized by the prevalence of vegetation that requires saturated soil conditions for growth and reproduction; and
- (9) Those other waters which the District Engineer determines necessitate regulation for the protection of water quality as expressed in the guidelines (40 CFR 230). For example, in the case of intermittent rivers, streams, tributaries, and perched wetlands that are not contiguous or adjacent to navigable waters identified in paragraphs (a)-(h), a decision on jurisdiction shall be made by the District Engineer.

Many suggested that we change the nomenclature of the term "navigable waters" and refer to our jurisdiction under Section 404 as "waters of the United States." This is the definition given to that term in Section 502(7) of the FWPCA. We have adopted this suggestion and feel that it will assist in distinguishing between the Section 404 program and the types of waters that are subject to the permit programs administered under Sections 9 and 10 of the 1899 Act.

We have consolidated the 1975 list of waters in our new definition to include four basic categories. We believe that this consolidation will assist in clarifying those waters that are subject to the Section 404 program.

CATEGORY 1

Coastal and inland waters, lakes, rivers, and streams that are navigable waters of the United States, including adjacent wetlands.—This category corresponds to those waters identified in sections (1), (2), (3), and (8) of the old definition. Through consolidation, we believe that many of the ambiguities raised in the old definition will be clarified.

The Federal government's authority to regulate all activities in or affecting navigable waters of the United States has always been recognized. As we have noted above, waters that fall within this category are also regulated under the River and Harbor Act of 1899. They include natural and artificial waters that are subject to the ebb and flow of the tide and/or that are used, were used in the past, or are susceptible to use to transport interstate or foreign commerce.

CATEGORY 2

Tributaries to navigable waters of the United States, including adjacent wetlands.—This category corresponds to sections (4), (5), (8), and (9) of the old definition.

The Federal government's authority to regulate activities on the rivers and streams that feed into navigable waters

of the United States also has been historically recognized. As we noted in our historical background discussion, Section 10 of the River and Harbor Act of 1899 can be used to regulate activities outside the jurisdictional limits of navigable waters of the United States if those activities affect the navigable capacity of those waters. Section 13 of the 1899 Act also prohibits the dumping of any refuse matter into any tributary of a navigable water of the United States, or onto the banks of such waters where the material is likely to be washed into the water.

More recently, courts have recognized that the FWPCA is applicable to tributaries of navigable waters. In *U.S. v. Ashland Oil*, supra, the Court stated:

Pollution control of navigable streams can only be exercised by controlling pollution of their tributaries.

We have adopted the suggestion of many commenters that we incorporate into our definition (and not in the Preamble as we did in 1975) the statement that nontidal drainage and irrigation ditches that feed into navigable waters will not be considered "waters of the United States" under this definition. To the extent that these activities cause water quality problems, they will be handled under other programs of the FWPCA, including Sections 208 and 402.

CATEGORY 3

Interstate waters and their tributaries, including adjacent wetlands.—This category corresponds to those waters listed in sections (6) and (8) of the old definition.

The affects of water pollution in one state can adversely affect the quality of the waters in another, particularly if the waters involved are interstate. Prior to the FWPCA Amendments of 1972, most federal statutes pertaining to water quality were limited to interstate waters. We have, therefore, included this third category consistent with the Federal government's traditional role to protect these waters from the standpoint of water quality and the obvious effects on interstate commerce that will occur through pollution of interstate waters and their tributaries.

CATEGORY 4

All other waters of the United States not identified in Categories 1-3, such as isolated lakes and wetlands, intermittent streams, prairie potholes, and other waters that are not part of a tributary system to interstate waters or to navigable waters of the United States, the degradation or destruction of which could affect interstate commerce.—This category corresponds to sections (7), (8), and (9) of the old definition.

Waters that fall within categories 1, 2, and 3 are obvious candidates for inclusion as waters to be protected under the Federal government's broad powers to regulate interstate commerce. Other waters are also used in a manner that makes them part of a chain or connection to the production, movement, and/or use of interstate commerce even though they are not interstate waters or part of a

tributary system to navigable waters of the United States. The condition or quality of water in these other bodies of water will have an effect on interstate commerce.

The 1975 definition identified certain of these waters. These included waters used:

- (1) By interstate travelers for water-related recreational purposes;
- (2) For the removal of fish that are sold in interstate commerce;
- (3) For industrial purposes by industries in interstate commerce; and
- (4) In the production of agricultural commodities sold or transported in interstate commerce.

We recognized, however, that this list was not all inclusive, as some waters may be involved as links to interstate commerce in a manner that is not readily established by the listing of a broad category. The 1975 regulation, therefore, gave the District Engineer authority to assert jurisdiction over "other waters", such as intermittent rivers, streams, tributaries and perched wetlands, to protect water quality. Implicit in this assertion of jurisdiction over these other waters was the requirement that some connection to interstate commerce be established, even though that requirement was not clearly expressed in the 1975 definition.

We received many comments and criticisms concerning the waters covered in sections (7) and (9) of the 1975 definition, particularly with respect to uncertainty over the types of waters covered by section 9, and as to whether section 404 permits are required to discharge dredged or fill material into these latter waters.

We have responded to these comments by noting in the definition of these waters that they are the type, the degradation or destruction of which could affect interstate commerce. We have also incorporated an explanatory footnote at the end of this category which further explains this connection to interstate commerce.

We are responding to the concern of uncertainty over the need to obtain a permit in these waters by issuing today a nationwide permit for discharges into most of these waters. We believe that if the common sense conditions, guidelines and management practices provided in these nationwide permits are followed, the concern for water quality, as it affects the production, movement and/or use for interstate commerce, ordinarily will be satisfied with respect to these discharges.

Wetlands. Prior to enactment of the FWPCA, the mean tide line (mean higher tide line on the West Coast) was used to delineate the shoreward extent of jurisdiction over the regulation of most activities in tidal waters under the 1899 Act as well as for mapping, delineation of property boundaries, and other related purposes. In freshwater lakes, rivers and streams that are navigable waters of the United States, the landward limit of jurisdiction has been traditionally estab-

lished at the ordinary high water mark.

The regulation of activities that cause water pollution cannot rely on these artificial lines, however, but must focus on all waters that together form the entire aquatic system. Water moves in hydrologic cycles, and the pollution of this part of the aquatic system, regardless of whether it is above or below an ordinary high water mark, or mean high tide line, will affect the water quality of the other waters within that aquatic system.

For this reason, the landward limit of Federal jurisdiction under Section 404 must include any adjacent wetlands that form the border of or are in reasonable proximity to other waters of the United States, as these wetlands are part of this aquatic system.

The July 25, 1975 regulation identifies "coastal" and "freshwater" wetlands contiguous or adjacent to other waters of the United States as separate categories of waters for inclusion in our overall definition of the term "waters of the United States." Many comments and suggestions were received on these terms.

Both "coastal" and "freshwater" wetlands as used in the July 25, 1975 regulation require that the area in question be "periodically inundated" by either saline, brackish or freshwater and "normally characterized by the prevalence of" salt or brackish water vegetation or vegetation that requires saturated soil conditions for growth and reproduction. Some felt that the criteria for delineating a wetland should not require both "periodic inundation" and the "prevalence of" vegetation, as either condition should suffice from the standpoint of protecting the entire aquatic system. Others raised concern over the vagueness of terms such as "periodically inundated", "normally", and "prevalence", and the lack of any definition for the terms "contiguous" or "adjacent".

In response to these comments, and with the assistance of the Departments of Interior and Agriculture and the Environmental Protection Agency, we have adopted the following definition of "wetlands":

Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

This definition is intended to eliminate several problems and achieve certain results. The reference to "periodic inundation" has been eliminated. Many interpreted that term as requiring inundation over a record period of years. Our intent under Section 404 is to regulate discharges of dredged or fill material into the aquatic system as it exists, and not as it may have existed over a record period of time. The new definition is designed to achieve this intent. It pertains to an existing wetland and requires that the area be inundated or saturated by water at a frequency and duration sufficient to support aquatic vegetation. This inunda-

tion or saturation may be caused by either surface water, ground water, or a combination of both.

The use of the word "normally" in the old definition generated a great deal of confusion. The term was included in the definitions to respond to those situations in which an individual would attempt to eliminate the permit review requirements of Section 404 by destroying the aquatic vegetation, and to those areas that are not aquatic but experience an abnormal presence of aquatic vegetation. Several such instances of destruction of aquatic vegetation in order to eliminate Section 404 jurisdiction actually have occurred. However, even if this destruction occurs, the area still remains as part of the overall aquatic system intended to be protected by the Section 404 program. Conversely, the abnormal presence of aquatic vegetation in a non-aquatic area would not be sufficient to include that area within the Section 404 program.

We have responded to the concern for the vagueness of the term "normally" by replacing it with the phrase " * * * and that under normal circumstances to support * * * ". We do not intend, by this clarification, to assert jurisdiction over those areas that once were wetlands and part of an aquatic system, but which, in the past, have been transformed into dry land for various purposes.

Concerns were also expressed over the types and amount of vegetation that would be required to establish a "wetland" under this definition. We have again used the term "prevalence" to distinguish from those areas that have only occasional aquatic vegetation interspersed with upland or dry land vegetation.

At the same time, we have changed our description of the vegetation involved by focusing on vegetation "typically adapted for life in saturated soil conditions." The old definition of "freshwater wetlands" provided a technical "loop-hole" by describing the vegetation as that which requires saturated soil conditions for growth and reproduction, thereby excluding many forms of truly aquatic vegetation that are prevalent in an inundated or saturated area, but that do not require saturated soil from a biological standpoint for their growth and reproduction. We intend to publish shortly vegetation guides to indicate the types of vegetation intended to be included in this definition, and to rely on the assistance of biologists, scientists and other technical experts from other Federal and State agencies to assist in delineating those wetland areas intended to be included in this definition.

Several comments questioned the need for separate definitions of salt and brackish water wetlands (e.g. coastal wetlands) and freshwater wetlands. Others questioned whether salt and brackish water wetlands in nontidal waters and freshwater wetlands contiguous or adjacent to coastal wetlands were intended to be included in the definition, since these wetlands are part of the aquatic system. Still others ques-

tioned whether these definitions were also applicable to isolated wetlands that are not contiguous or adjacent to coastal waters and freshwater lakes, rivers, and streams, but which still contribute to interstate commerce.

The old definition was intended to include all fresh, brackish and salt water wetlands contiguous or adjacent to coastal waters and freshwater lakes, rivers, streams and other waters included in the definition of "waters of the United States." It was also intended to be used to identify isolated wetlands. We agree, however, that this intent was not clearly expressed. To remedy this situation, we have adopted one definition of wetlands. This definition will be applicable to those wetlands adjacent to coastal waters and freshwaters that are identified in the definition of "waters of the United States," and also to those isolated wetlands that are not adjacent to any lake, river, stream, or other coastal or freshwater. (See the discussion, above, on waters in Category 4.)

We have also responded to the concerns raised over the absence of any definition of the terms "adjacent" or "contiguous" as those terms relate to the location of wetlands. Since "contiguous" is only a subpart of the term "adjacent," we have eliminated the term "contiguous." At the same time, we have defined the term "adjacent" to mean "bordering, contiguous, or neighboring." The term would include wetlands that directly connect to other waters of the United States, or that are in reasonable proximity to these waters but physically separated from them by man-made dikes or barriers, natural river berms, beach dunes, and similar obstructions.

Finally, to respond to those who expressed concern that our definition of "wetlands" may be interpreted as extending to abnormal situations including non-aquatic areas that have aquatic vegetation, we have listed swamps, bogs, and marshes at the end of this definition to further clarify our intent to include only truly aquatic areas.

"High tide line." Many aquatic areas along the coast are located above the mean or mean higher high tide lines but do not fit within the definition of "wetlands" discussed above. These include sandflats, mudflats, and similar areas, that, while not covered with vegetation, are inundated with sufficient frequency and regularity to be included as part of the aquatic resource. While these areas are identified in our previous definition of waters of the United States, some commenters suggested the need for more definitive guidance in delineating the shoreward limit of jurisdiction in coastal areas when these circumstances exist. We have, therefore, adopted the term "high tide line" to delineate these areas. "High tide line" has been defined as "a line or mark left upon tide flats, beaches, or along shore objects that indicates the intersection of the land with the water's surface at the maximum height reached by a rising tide." The term is intended to include areas covered by spring high tides and other high tides that occur with periodic frequency, but does not in-

clude those areas that are covered by tidal water as a result of storm surges, hurricanes, or other intense storms.

Ordinary high water mark: A number of comments criticized the definition of "ordinary high water mark" adopted for purposes of delineating the landward limit of jurisdiction in freshwaters (absent adjacent wetlands). The comments indicated that other methods to define the ordinary high water mark have already been refined to a point of reasonable reliability based on the hydrologic movement of freshwaters, and that a second methodology under Section 404 would be administratively cumbersome. In addition, other concerns were expressed over the manner in which a "25% inundation" factor could be determined.

Responding to these comments, we have returned to our definition of "ordinary high water mark" used in the administration of our 1899 Act permit program. We believe that in waters where no wetlands are present, this definition will include those areas that are part of the aquatic system along these freshwater lakes, rivers and streams, as this mark is intended to include those areas where water will be present with predictable regularity.

Headwaters: The July 25, 1975 regulation established a cutoff point, referred to as the headwaters, for each river and stream identified as a water of the United States. "Headwaters" was defined as "the point on the stream beyond which the flow of the waterbody is normally less than five cubic feet per second." Waters above the "headwaters" cutoff point were also included as "waters of the United States," but only if the District Engineer determined that regulation of these waters was necessary to protect water quality.

Many comments and criticisms were received concerning the vagueness of our definition of "headwaters" and the legality of excluding waters in rivers and streams above the headwaters from the definition of waters of the United States. We have responded to these concerns and criticisms by: (1) Including the entire length of rivers and streams in our definition of waters of the United States; (2) utilizing the "headwaters" concept to establish the point on the stream below which an individual or general permit will be required to discharge dredged or fill material (discharges above headwaters are being permitted through the issuance today of a nationwide permit which is discussed in greater detail below); and (3) redefining the term "headwaters."

We have adopted the recommendations of a number of commenters and have redefined the term "headwaters" as the point on a freshwater (nontidal) stream above which the average annual flow is less than five cubic feet per second. Since precision is not required in establishing the headwater point, the definition allows the District Engineer to use approximate means to compute it. The drainage area that will contribute an average annual flow of five cubic feet per second can be estimated by approximating the proportion of the average annual

precipitation that is expected to find its way into the stream. Having the area that will produce this flow, the "headwater" point can be approximated from drainage area maps.

However, we also recognized that streams with highly irregular flows, such as occur in the western portion of the country, could be dry at the "headwater" point for most of the year and still average on a yearly basis a flow of five cubic feet per second because of high volume, flash flood type flows which greatly distort the average. We therefore added an option for the District Engineer, after notifying the Regional Administrator of EPA, to establish the headwater based on the median rather than the average flow. A median flow of five cubic feet per second means that 50% of the time the flow is greater than five cubic feet per second and 50% of the time the flow is less than this value. This approach more realistically represents normal base flows of such streams.

We emphasize that the "headwaters" concept used in this new regulation is the point on the stream above which individual or general permits ordinarily will not be required. It is not to be construed as the point beyond which a stream ceases to be a water of the United States under Section 404 or the programs to regulate industrial and municipal discharges and oil and hazardous substances under other sections of the FWPCA. We also refer you to the discussion below on the nationwide permits that are being issued today for various discharges of dredged or fill material, including those that occur above the headwater. We believe that the common sense conditions and management practices reflected in these nationwide permits will, if followed, avoid potential water quality problems for most of these discharges.

Lakes: The 1975 regulation defined "lakes" as "natural bodies of standing water greater than five acres in surface area and all bodies of standing water created by the impounding of waters of the United States."

A number of comments and criticisms were received concerning this definition. Some felt that the size limitation on natural lakes was too small, while others felt it was not small enough. Others questioned the legality of imposing any size limitation on natural lakes, since a lake less than five acres in size is just as much a "water of the United States" as one that is more than five acres in size.

Many raised questions about the manner and time for measurement of the five surface acres because of the seasonal fluctuations in water content exhibited by most lakes. Others suggested that we add to the list of artificial open bodies of water that are not included in the definition of lakes. (The 1975 definition excludes stock watering ponds and settling basins that are not created by impounding a river or stream.)

We have responded to these comments and criticisms in several ways. First, we have established definitions for two new terms: "natural lake" and "impoundment." We believe that these two sepa-

rate definitions will assist in alleviating the confusion expressed over the broad definition of "lake" as cited in the 1975 regulation.

At the suggestion of EPA, we have defined "natural lake" as "a natural depression fed by one or more streams and from which a stream may flow, that occurs due to the widening or natural blockage of a river or stream, or that occurs in an isolated natural depression that is not part of a surface river or stream." We believe that this definition reflects the three types of situations in which a natural lake may exist.

We have defined the term "impoundment" as a "standing body of open water created by artificially blocking or restricting the flow of a river, stream, or tidal area." Responding to several suggestions, we have clarified what is not included in the term "impoundment" by stating that it does not include artificial lakes or ponds created by excavating and/or diking dry land to collect and retain water for such purposes as stock watering, irrigation, settling basins, cooling, or rice growing.

Unlike the 1975 definition, no size limitation has been placed on the definitions of "natural lake" or "impoundment". Instead, we are permitting, today, through the issuance of nationwide permits, discharges of dredged or fill material into natural lakes, including their adjacent wetlands, that are less than 10 acres in surface area and that are either fed or drained by a river or stream above the headwaters, or isolated and not a part of a tributary system to navigable waters of the United States or interstate waters. (Discharges into natural lakes below the headwaters and isolated natural lakes greater than ten acres will require individual or general permits to satisfy the requirements of Section 301 of the FWPCA.) We are also issuing today a nationwide permit for discharges of dredged or fill material into non-tidal rivers, streams and their impoundments including adjacent wetlands that are located above the headwaters. (Again, discharges into impoundments below the headwaters of a river or stream will require an individual or general permit.) We refer you to our discussion of nationwide permits, below, for further details on this action.

We believe that the inclusion of adjacent wetlands as part of the 10 acre measurement of those natural lakes that are included in this definition will alleviate many concerns raised over how and when this measurement must occur. Since our definition of "wetlands" requires aquatic vegetation, we anticipate that the lake's measurement normally can be made on the basis of the presence of this vegetation, which generally remains fixed throughout the year, even if the water levels in the lake fluctuate.

Dredged and Fill Material. The 1975 regulation provided definitions for "dredged material", "discharge of dredged material", "fill material", and "discharge of fill material". Several comments and two years of experience

have revealed the need to make certain changes to these definitions.

To respond to many misunderstandings over activities that require Section 404 permits, the 1975 regulation stated, in the definitions of "dredged material" and "fill material" that "material resulting from normal farming, silviculture, and ranching activities, such as plowing, cultivating, seeding, and harvesting for the production of food, fiber, and forest products" was not included. We intended, by this statement, to make it clear that activities such as plowing, seeding, harvesting, cultivating and any other activity by any industry that do not involve discharges of dredged or fill material cannot be included in the program. However, many interpreted this language as an exclusion of all practices by the farming and forestry industry including those that do involve discharges of dredged or fill material into water. The FWPCA does not allow us to make such an exemption or exclusion for any industry. (See *NRDC vs. Train*, 366 F. Supp. 1393 (D.D.C., 1975).) We have, however, clarified our intent by stating at the end of our definitions of "discharge of dredged material" and "discharge of fill material" that plowing, seeding, cultivating and harvesting for the production of food, fiber, and forest products are not included in the Section 404 program.

The 1975 definition of "fill material" also excluded "material placed for the purpose of maintenance, including emergency reconstruction of recently damaged parts, of currently serviceable structures such as dikes, dams, levees, groins, riprap, breakwaters, causeways, and bridge abutments or approaches, and transportation structures." Since maintenance and emergency reconstruction of these types of fill often involve discharges into water, we do not have authority to exclude these activities from the permit requirements of the FWPCA. We have, therefore, eliminated this exclusion from our definition of "fill material". At the same time, we are issuing, today, a nationwide permit for discharges of dredged or fill material that involve maintenance and emergency reconstruction of existing fills. The nationwide permit contains basic common sense conditions and management practices which, if followed, will achieve the objectives of the FWPCA. Of course, if the maintenance or emergency reconstruction does not involve a discharge in water, no permit is required.

During the two years of experience with the Section 404 program, several industrial and municipal discharges of solid waste materials have been brought to our attention which technically fit within our definition of "fill material" but which were intended to be regulated under the NPDES program. These include the disposal of waste materials such as sludge, garbage, trash, and debris in water. In some cases involving the disposal of these types of material in water, the final result may be a land-

fill even though the primary purpose of the discharge is waste disposal.

The Corps and the Environmental Protection Agency feel that the initial decision relating to this type of discharge should be through the NPDES program. We have, therefore, modified our definition of fill material to exclude those pollutants that are discharged into water primarily to dispose of waste. We will process Section 404 permits for these types of activities to the extent that a levee or other type of containment structure must be placed in the water as part of the overall disposal plan. We will not, however, take any final action on the Section 404 permit application until a decision on the NPDES permit has been made (See 33 CFR 230.4(j)).

Individual, general, and nationwide permits: As we did in the regulation on our Section 10 program, we have included definitions of "individual", "general" and "nationwide" permits to distinguish between the three types of authorizations that will be used to satisfy the requirements of the FWPCA.

If a discharge requires an individual permit, an application must be made to the District Engineers following the procedures specified in 33 CFR Part 325 and the discharge cannot begin until and unless the permit is issued.

Before applying for an individual permit, however, a person needing a Section 404 permit should check to see whether the proposed discharge has already been permitted by a general permit, or a nationwide permit published in this regulation. District Engineers are issuing general permits for particular regions of the country that cover a wide variety of discharges that cause only minimal individual and cumulative adverse environmental impact. Nationwide permits apply throughout the country, and cover many types of minor activities. If a general or nationwide permit already covers your discharge, you should not have to get an individual permit to satisfy the requirements of the FWPCA.

Nationwide Permits

On May 16, 1977 we published proposed nationwide permits in the FEDERAL REGISTER to authorize discharges of dredged or fill material into certain waters of the United States and also certain specific categories of discharges. We received 163 letters commenting on these nationwide permits, the majority of which supported the concept but suggested additions, modifications and/or deletions to the activities covered and the conditions imposed.

Today, we are issuing nationwide permits for discharges into most of the Category 4 waters, discussed above, (isolated natural lakes larger than 10 acres are not included) and for certain specific categories of discharges into other waters. These nationwide permits are being incorporated into § 323.4.

We wish to take this opportunity to express our appreciation to everyone who commented on these nationwide permits. The following is a discussion of the sub-

stantive changes that were made as a result of your comments.

Management practices. The Environmental Protection Agency expressed concern over the potential for adverse cumulative effects that may be caused by some of the discharges that are subject to the nationwide permit. To minimize these potential effects, EPA suggested that we identify certain basic common sense management practices that should be followed, to the maximum extent possible, to minimize these potential adverse effects on the aquatic environment. We have adopted this suggestion. These management practices pertain to all discharges subject to these nationwide permits and are listed in § 323.4(h). We anticipate that compliance with these practices will avoid the potential for cumulative adverse water quality impacts that may be caused by these discharges.

We intend to remain aware of potential cumulative impacts that may occur on a regional basis as a result of these nationwide permits. If adverse cumulative impacts are anticipated from any of the discharges subject to these nationwide permits, we intend to take appropriate administrative action including the exercise of authority expressed in § 323.4-4 to require individual or general permits for these activities.

Discharges prior to effective dates of phasing (§ 323.4-1). The 1975 regulation authorized discharges of dredged or fill material that occurred before a particular phasing date. We have republished this authorization by including it in this nationwide permit. The conditions remain the same as were published in 1975.

Discharges into certain waters of the United States (§ 323.4-2). Many commenters expressed confusion over the types of waters that were covered by this nationwide permit, specifically with reference to those that are described in § 323.4-2(a)(4) as "non-tidal waters of the United States that are not part of a surface tributary system to interstate waters or navigable waters of the United States." We intended by this description to include those waters identified in "Category 4," above with the exception of isolated lakes larger than 10 acres. Thus, discharges of dredged or fill material into most of the "Category 4" waters are subject to this nationwide permit.

Numerous letters questioned whether wetlands adjacent to these "Category 4" waters were included as part of this nationwide permit. Discharges into these adjacent wetlands are included. Several environmental groups expressed concern over expanding the size limitations for natural lakes including prairie potholes to 10 acres, which they viewed as an apparent expansion from the present 5 acre lake "exclusion" contained in the Corps' 1975 regulations. As we have already indicated in our discussion on lakes above, the 5 acre standard, measured by surface area, was difficult to determine since, in many regions, the surface area of small lakes is subject to extreme seasonal variation. However, we have found that in most cases, the wetlands adjacent to these small natural

lakes are more easily delineated and are relatively stable despite fluctuations in water levels. In order to simplify the identification of natural lakes described in § 323.4-2(a)(2) and (3) we adopted a standard for surface area measurement by including adjacent wetlands. Since these surrounding wetland areas are now included in the measurement, we increased the size limitation for lakes from 5 acres to 10 acres. Again, we emphasize that this size limitation is only used for determining whether an individual or general permit in lieu of this nationwide permit, is required.

We share the concern of the environmental groups that prairie potholes and many other isolated lakes are disappearing. The safeguards contained in the new management practices section of this permit, as well as the authority vested in the District Engineers to process individual or general permits where the concerns of the aquatic environment (as expressed in the EPA Guidelines) so require, will, we believe, adequately protect the broad range of water quality concerns and the public interest in "prairie potholes, small lakes, and other waters described by this section." Moreover, § 323.4-4 provides another safeguard through which EPA can bring concerns for water quality as expressed in the Section 404(b) Guidelines to the attention of the District Engineer.

Several commenters indicated that the third condition of this nationwide permit, dealing with erosion, was vague and overly broad. The condition has been changed to make our intent clear: the fill must be maintained in a manner to prevent erosion and other non-point sources of pollution.

EPA recommended that we include a condition that the discharge would not destroy members of a threatened or endangered species. We concur and this change has been made in this nationwide permit, as well as in the nationwide permit that authorizes discharges for certain types of activities. (See §§ 323.4-2(h)(1) and 323.4-3(h)(3).) We cannot agree to requests from industries to delete this condition altogether since Section (7) of the Endangered Species Act requires the Corps to protect threatened and endangered species in all waters subject to its regulatory jurisdiction.

We received a great number of comments from Resource Districts in opposition to the exception in our nationwide permits (§ 323.4-2(c)) for dams located above the headwaters which would be greater than 25 feet in height or 50 acre feet in impoundment capacity. As was pointed out, this exception would automatically require an individual permit for many dams above the headwaters which, in most cases, were exempt from individual permit requirements by the 1975 regulation. We are excluding this exception since we feel that our original reason for including it will now be satisfied by inclusion of the new management practices, discussed above. The deletion of § 323.4-2(3) means that any dam located above the headwater of a stream will be authorized by the nation-

wide permit unless the District Engineer applies his discretionary authority under § 323.4-4.

Specific categories of discharges. Comments on the types of activities and proposed conditions included in this portion of the nationwide permit ranged from environmental groups, who favored greater restrictions on permitted activities, to industry groups who proposed additional categories to be permitted to cover their particular activities. We feel that we have struck a reasonable balance between these concerns and requests through the addition of the management practices, discussed above. At the same time, we are committed to reviewing other classes and categories of discharges of dredged or fill material that may be, in the future, candidates for nationwide permits.

Utility lines (§ 323.4-3(a)(1)). This section has been amended to clarify that any excess material beyond that needed to restore the bottom contour to its pre-construction status must be removed to an upland disposal area. Such a requirement was envisioned in the proposed permit, but not clearly expressed. At the suggestion of EPA, we have explicitly stated this requirement to insure compliance and avoid misunderstanding.

Numerous commenters suggested further clarification on what was intended by the use of the term "utility line." We have defined the term to include any pipe or pipeline for the transportation of any gaseous, liquid, liquifiable, or slurry substance, and any cable, line, or wire for the transmission of energy, telephone, radio, or television communication.

Despite several suggestions for pre-notification requirements and fill length and volume restrictions, we do not believe that these conditions are necessary. We feel, instead, that upland disposal of excess material and compliance with the management practices will limit any sedimentation or disruption of water flow in streams as a result of these activities.

Bank stabilization (§ 323.4-3(a)(2)). We have modified this category of discharge to make it clear that only necessary bank stabilization for erosion prevention is being permitted. While some suggested that we include a pre-notification requirement, we do not feel that this is necessary.

Minor road crossing fills (§ 323.4-3(a)(3)). This category of activity generated more specific comment than any other of the proposed nationwide permits. We have made certain changes to respond to these comments.

At the request of many commenters, we have removed the 30 day advance notification requirement for discharges between 100 and 200 cubic yards in quantity. We believe that this is impractical to administer and that the basic intent for the notification has been offset by the inclusion of management practices.

Our proposed nationwide permit provided that a crossing must be culverted or bridged to prevent the restriction of normal flow. In response to comments by

EPA and environmental groups "normal" has been changed to "expected high flows." This change will provide more effective drainage and reduce erosion during expected flood stage levels.

Forest industry commenters were almost unanimous in their calls for deleting the 100 to 200 cubic yard reporting requirement (see above) and increasing both the 200 cubic yard fill limit and the 50 foot wetland width limitation. They indicated that many minor road crossings with little or no direct or cumulative environmental impact would not qualify under our proposed permit. Their main source of concern was the 50 foot limit on wetlands adjacent to the waterbody to be crossed. In reviewing the comments it became apparent that confining road crossing activities in adjacent wetlands to 50 feet on either side of the ordinary high water mark of the waterbody would result in excluding many small roadfills from this nationwide permit. On the other hand, others applauded our 50 foot limit and urged a reduction in the allowable level of fill. After carefully considering all comments on this permit we decided that the allowable wetland width to be crossed could be increased from 50 to 100 feet on either side of the stream as long as this allowance was applicable to non-tidal streams. In tidal waters, where adjacent wetlands are more dependent on frequent tidal flushing, and therefore circulation impairments from road fills are more damaging, we concluded that even the 50 foot wetland fill needed to be controlled through an individual or general permit. We, therefore, divided the road fill permit into tidal and non-tidal waters. For non-tidal waterbodies, we increased the adjacent wetland width from 50 to 100 feet. For tidal water crossings (Section 323.4-3(a)(4)) we included only the fill placed incidental to the construction of the bridge itself. Any approach fills or causeways associated with the crossings of tidal waters will require an individual or general Section 404 permit if located in waters of the United States.

One commenter expressed concern that no restriction had been placed on the total amount of fill above the ordinary high water mark, since this could lead to erosion on steep slopes between the ordinary high water mark and the road surface. The letter also feared that without a total fill limit, vast amounts of wetlands could be filled at right angles to the waterbody for roads or turn around areas. We share this commenter's concerns. However, we believe that adherence to the management practices suggested by EPA will minimize erosion and other non-profit sources of pollution. As for his second concern, it must be noted that § 323.4-3(a)(3) only permits minor road crossings and attendant features. It does not authorize general road building in wetlands above the ordinary high water mark. We will construe attendant features narrowly. Major activities appurtenant to the road crossing will not be permitted by this section. These require an individual or gen-

eral permit issued pursuant to procedures in 33 CFR Part 325.

Many commenters expressed confusion over the 100/200 cubic yard measurement as it pertains to these roadfills. We intended to use that measurement to define the size of the crossing, and to use the ordinary high water mark to determine that size. Thus, up to 200 cubic yards of material can be discharged below the plane of ordinary high water of a waterbody under this nationwide permit, and additional cubic yards of material can be discharged into the 100 foot strip of adjacent wetlands, as necessary, to construct the road provided the conditions to protect those wetlands are satisfied. We have expressed this intent by including a definition of "minor road fill" in the nationwide permit.

Repair, rehabilitation and replacement of existing fills (§ 323.4-3(a)(4)). As we have previously indicated, the 1975 regulations excluded material placed for maintenance and emergency reconstruction of fills from the definition of "fill material." We have added this previously excluded activity to the list of those that are being permitted today by this nationwide permit.

EPA, Conservation Commissions, and environmental groups noted that the condition in subparagraph (f) that the discharge not disrupt the migration of indigenous aquatic life was not sufficient to safeguard the passage of nonmigratory aquatic life. The final nationwide permit condition reflects this concern by changing "migration" to "movement." Subparagraph (6) has been amended to clarify its intent to control erosion and other non-points sources of pollution. This subparagraph is consistent with changes made in § 323.4-2(b)(3).

A new condition has been added at the request of the Department of the Interior to exclude components of National and State wild and scenic river systems (established pursuant to the Wild and Scenic Rivers Act) from the nationwide permit programs (§§ 323.4-2(b)(4) and 323.4-3(b)(7)).

Discretionary authority to require individual or general permits (§ 323.4-4). Comments received from industry groups suggested that this section was superfluous since by definition any activity performed in accordance with the conditions in §§ 323.4-2 or 323.4-3 would have minimum adverse water quality impact and would not trigger EPA Guideline concerns. On the other hand other commenters suggested more stringent controls over erosion, water quality, chemical use, restoration of abandoned projects and wildlife protection. In order to make our regulatory program work, we are relying on decentralization and our flexibility to respond to local conditions. Moreover, if we overburden this nationwide permit with specific conditions, its intent and usefulness is reduced. On the other hand, we realize that local conditions may be such that special restrictions are required for activities otherwise acceptable in most areas and certain waters of the United States otherwise

covered by a nationwide permit require special restrictions. We believe the most efficient means to do this is to grant our District Engineers the authority to require individual or general permits, as needed, to respond to these local conditions. To this end we invite the help of private groups, citizens, and Federal and State agencies to help our District Engineers respond to these localized concerns.

All Federal agencies that commented expressed support for the concept of nationwide permits, as did 81% of the public comment letters. We believe these new nationwide permits represent a major step forward in reducing unnecessary reviews and delay associated with regulation of minor discharges of dredged or fill material into waters of the United States.

An environmental assessment and a Findings of Fact have been prepared for these nationwide permits as well as for the Section 10 nationwide permits and are available for review in the Office, Chief of Engineers, Forrestal Building, Room 5F-036, Washington, D.C. 20314.

PART 324

This Part prescribes the special policies and procedures that will be used to evaluate applications for permits to transport dredged material for purposes of dumping in ocean waters pursuant to Section 103 of the Ocean Dumping Act. These policies and procedures must also be read in conjunction with the applicable general policies of Part 320 and general procedures of 325. If you need a permit to dump dredged material in the oceans, you should also refer to Part 322 since a permit will be required under Section 10 of the 1899 Act to dredge in navigable waters of the United States.

Part 324 corresponds to Sections (d)(3), (e)(3), and (g)(17) of rescinded 33 CFR 209.120.

We have adopted the definitions of "oceans waters", "dredged material", and "transport" as used by the Ocean Dumping Act.

In accordance with recent revisions to EPA criteria for the evaluation of the ocean dumping of dredged material, we have included requirements for additional specific information that must be included as part of a public notice for a proposed ocean dumping of dredged material. We have also specifically included the requirement that District Engineers consider the availability of land based alternatives during the evaluation of applications for ocean dumping permits. (See also § 320.4(a)(2)).

Procedures have also been included in this Part for those cases in which EPA objects to the proposed dumping of dredged material in ocean waters as being inconsistent with the EPA criteria. (See § 324.4(c)-(e)).

PART 325

This Part describes the procedures for processing all applications for Department of the Army permits, and for modi-

fyng or revoking permits that have been issued. It corresponds to and supersedes paragraphs (h) through (s) of rescinded 33 CFR 209.120. The following is a summary of the major changes:

The material was reorganized for clarity. For example, public notice and environment impact statement (EIS) procedures, which were discussed in a number of different places in the rescinded regulation, were consolidated into single paragraphs.

The EIS procedures were revised to allow for a public hearing at completion of the draft EIS rather than the proposed final EIS; to require a public notice of the final EIS filing; and to provide for transmittal of the District Engineer's report to higher authority for decision, if required, after completion of the 30 day comment period on the final EIS (§ 325.4).

Permit file documentation requirements have been clarified. The District Engineer must prepare an impact assessment document (either an environmental assessment or an EIS) for each application and a decision document (either a Findings of Fact or, if the case is sent forward for decision, his report on the application) (§ 325.2(a)).

District Engineers have been delegated expanded authority to deny permits, including those which he determines are not in the public interest. (Their previous denial authority was limited to navigational conflicts and denial of a related state or local certification or authorization.) District Engineers have also been given the authority to issue most permits found to be in the public interest over unresolved objections of another Federal agency if that agency indicates that it does not desire to refer the application to a higher level of authority for review. (§ 325.8(b)).

Litigation potential and objection from a member of Congress have been deleted as reasons for automatically having to refer an application to the Chief of Engineers for decision. (§ 325.8(d)).

Procedures relating to the Coastal Zone Management Act have been made compatible with new regulations of the National Oceanic and Atmospheric Administration to be published as 15 CFR 930 (§ 325.2(b) (2)).

PART 326

This Part prescribes the policies and procedures that will be used by the Corps in the enforcement of the requirements of the River and Harbor Act of 1899, the FWPCA, and the Ocean Dumping Act. The Part corresponds to rescinded 33 CFR 209.120(g) (12), and is generally a restatement of the provisions in that rescinded section.

We have made several additions and clarifications to this enforcement regulation. On August 22, 1975, the Chief of Engineers delegated authority to District Engineers to refer certain types of cases involving unauthorized activities directly to the local U.S. Attorney. This delegation included the following types of cases: (1) All unauthorized structures or work falling exclusively within the

scope of Section 10 of the 1899 Act for which a criminal fine or penalty under Section 12 of that Act is considered appropriate; (2) all civil actions involving small unauthorized structures, such as piers, which require restoration or modification by judicial order because efforts to secure voluntary compliance have failed; (3) all violations of Section 301 of the FWPCA involving unauthorized discharges of dredged or fill material into waters of the United States, unless the case involves a substantial question of law or fact, or a request for substantial restoration; and (4) all cases for which a temporary restraining order and/or preliminary injunction is appropriate following non-compliance with a cease and desist order issued by the District Engineer.

We have restated this delegation of authority in this regulation, as well as certain basic policy guidance (also previously included in the August, 1975 delegation) for use by the District Engineer in determining whether civil and/or criminal action is appropriate. We have also incorporated the policies and procedures expressed in a Memorandum, dated June 1, 1976, entitled "EPA Enforcement Policy for Noncompliance with Section 404 of the FWPCA", which was signed by the Assistant Administrator for Enforcement of EPA and concurred in by the Assistant Attorney General and the Chief Counsel of the Corps of Engineers.

Authority to refer certain types of cases directly to the local U.S. Attorney has not been delegated to the District Engineer either because of the extreme seriousness of the case or because the law on the particular type of case has not developed to the point to which Departmental level attention is no longer required.

We intend to propose revisions to this regulation in the near future that will provide further policy and procedural guidance and that will incorporate other enforcement authorities.

PART 327

This Part prescribes the policies and procedures to be followed by the Corps in the conduct of public hearings. A public hearing may become necessary in the evaluation of an application for a Department of the Army permit. The Part restates the policies and procedures that were prescribed in rescinded 33 CFR 209.133.

PART 328

This Part prescribes the policies and procedures used in the establishment of harborlines pursuant to Section 11 of the River and Harbor Act of 1899 (33 U.S.C. 404). As previously indicated, harborlines are only used as guidance to the District Engineer concerning the impact that a particular activity may have on navigation. Activities occurring landward of established harborlines must still have permits under Sections 9 or 10 of the 1899 Act, and may also require permits under Section 404 of the FWPCA and Section 103 of the Ocean Dumping Act. This part

restates the policies and procedures expressed in rescinded 33 CFR 209.150.

PART 329

This Part corresponds to rescinded 33 CFR 209.260 and provides the administrative definition of the term "navigable waters of the United States" as used throughout Parts 320-325.

Two changes have been made to this regulation. First, pursuant to the decision of *United States v. Stoeco Homes, Inc.*, 498 F.2d 597, (3rd Cir., 1974), cert. den.; 420 U.S. 927 (1975), we have included artificial waters subject to tidal action within our administrative definition of navigable waters of the United States. Second, we have delegated authority to Division Engineers to make determinations of navigability. (Previously, this authority existed with the Chief of Engineers.) Accordingly, 33 CFR 209.120, 209.125, 209.131, 209.133, 209.150 and 209.260 are revoked and reserved and 33 CFR 320 through 329 are added as set forth below.

NOTE—The Department of the Army has determined that this document does not contain a major proposal requiring preparation of an Inflation Impact Statement under Executive Order 11821 and OMB Circular A-107. (33 U.S.C. 401; 33 U.S.C. 403; 33 U.S.C. 1344; 33 U.S.C. 1413.)

Dated: July 13, 1977.

DRAKE WILSON,
Brigadier General, USA,
Deputy Director of Civil Works.

Chapter II of 33 CFR is amended as follows:

PART 209—ADMINISTRATIVE PROCEDURES

§§ 209.120, 209.125, 209.131, 209.133, 209.150, and 209.260 [Reserved]

1. The above sections are revoked and reserved.

2. The following parts 320 through 329 are added:

PART 320—GENERAL REGULATORY POLICIES

Sec.
320.1 Purpose and scope.
320.2 Authorities to issue permits.
320.3 Related legislation.
320.4 General policies for evaluating permit applications.

AUTHORITY: 33 U.S.C. 401 et seq.; 33 U.S.C. 1344; 33 U.S.C. 1413.

§ 320.1 Purpose and scope.

(a) *Types of activities regulated.* This regulation and the regulations that follow (33 CFR 321-329) prescribe the statutory authorities, and general and special policies and procedures applicable to the review of applications for Department of the Army permits for various types of activities that occur in waters of the United States or the oceans. This part identifies the various Federal statutes that require Department of the Army permits before these activities can be lawfully undertaken; the related Federal legislation applicable to the review of each activity that requires a Department of the Army permit; and the general policies that are applicable

to the review of all activities that require Department of the Army permits. Parts 321-324 address the various types of activities that require Department of the Army permits, including special policies and procedures applicable to those activities, as follows:

(1) Dams or dikes in navigable waters of the United States (Part 321);

(2) All other structures or work including excavation, dredging, and/or disposal activities, in navigable waters of the United States (Part 322);

(3) All activities that alter or modify the course, condition, location, or capacity of a navigable water of the United States (Part 322);

(4) Construction of fixed structures and artificial islands on the outer continental shelf (Part 322);

(5) All discharges of dredged or fill material into the waters of the United States (Part 323); and

(6) All activities involving the transportation of dredged material for the purpose of dumping it in ocean waters (Part 324).

(b) *Forms of authorization.* Department of the Army permits for the above described activities are issued under various forms of authorization. These include individual permits; letters of permission that are issued following a review of an individual application for a Department of the Army permit; general permits that authorize the performance of a category or categories of activities in a specific geographical region after it is determined that these activities will cause only a minimal individual and cumulative adverse environmental impact; and nationwide permits that authorize the performance of certain specified activities throughout the Nation. The nationwide permits are found in 33 CFR 322.4 and 323.4. If an activity is covered by a general or nationwide permit, an application for a Department of the Army permit does not have to be made. In such cases, a person must only comply with the conditions contained in the general or nationwide permit to satisfy the requirements of law.

(c) *General instructions.* The procedures for processing all letters of permission, individual permits, and general permits are contained in 33 CFR 325. However, before reviewing those procedures, a person desiring to perform any activity that requires a Department of the Army permit is advised to review the general and special policies that relate to the particular activity as outlined in this Part 320 and Parts 321 through 324. The terms "navigable waters of the United States" and "waters of the United States" are used frequently throughout these regulations, and it is important that the reader understand the difference from the outset. "Navigable waters of the United States" are defined in 33 CFR 329. These are the traditional waters where permits are required for work or structures pursuant to sections 9 and 10 of the River and Harbor Act of 1899. "Waters of the United States" are defined in 33 CFR 323.2(a). These waters include more than navigable waters of the

United States and are the waters where permits are required for the discharge of dredged or fill material pursuant to section 404 of the Federal Water Pollution Control Act Amendments of 1972.

§ 320.2 Authorities to issue permits.

(a) Section 9 of the River and Harbor Act approved March 3, 1899 (30 Stat. 1151; 33 USC 401) (hereinafter referred to as Section 9) prohibits the construction of any dam or dike across any navigable water of the United States in the absence of Congressional consent and approval of the plans by the Chief of Engineers and the Secretary of the Army. Where the navigable portions of the waterbody lie wholly within the limits of a single State, the structure may be built under authority of the legislature of that State, if the location and plans or any modification thereof, are approved by the Chief of Engineers and by the Secretary of the Army. The instrument of authorization is designated a permit. Section 9 also pertains to bridges and causeways but the authority of the Secretary of the Army and Chief of Engineers with respect to bridges and causeways was transferred to the Secretary of Transportation under the Department of Transportation Act of October 15, 1966 (80 Stat. 941, 49 USC 1155g (6)(A)). See also 33 CFR Part 321. A Department of the Army authorization is required for the discharge of dredged or fill material into waters of the United States associated with bridges and causeways pursuant to Section 404 of the Federal Water Pollution Control Act Amendments of 1972 (33 USC 1344). See CFR Part 323.

(b) Section 10 of the River and Harbor Act approved March 3, 1899 (30 Stat. 1151; 33 USC 403) (hereinafter referred to as Section 10) prohibits the unauthorized obstruction or alteration of any navigable water of the United States. The construction of any structure in or over any navigable water of the United States, the excavation from or depositing of material in such waters, or the accomplishment of any other work affecting the course, location, condition, or capacity of such waters is unlawful unless the work has been recommended by the Chief of Engineers and authorized by the Secretary of the Army. The instrument of authorization is designated a permit, general permit, or letter of permission. The authority of the Secretary of the Army to prevent obstructions to navigation in the navigable waters of the United States was extended to artificial islands and fixed structures located on the outer continental shelf by Section 4(f) of the Outer Continental Shelf Lands Act of 1953 (67 Stat. 463; 43 U.S.C. 1333(f)). See also 33 CFR Part 322.

(c) Section 11 of the River and Harbor Act approved March 3, 1899 (30 Stat. 1151; 33 U.S.C. 404) authorizes the Secretary of the Army to establish harbor lines channelward of which no piers, wharves, bulkheads or other works may be extended or deposits made without approval of the Secretary of the Army.

By policy stated in 33 CFR 328, effective May 27, 1970, harbor lines are guidelines only for defining the offshore limits of structures and fills insofar as they impact on navigation interests. Permits for work shoreward of those lines must be obtained in accordance with Section 10 and, if applicable, Section 404.

(d) Section 13 of the River and Harbor Act approved March 3, 1899 (30 Stat. 1152; 33 U.S.C. 407) provides that the Secretary of the Army, whenever the Chief of Engineers determines that anchorage and navigation will not be injured thereby, may permit the discharge of refuse into navigable waters. In the absence of a permit, such discharge of refuse is prohibited. While the prohibition of this section, known as the Refuse Act, is still in effect, the permit authority of the Secretary of the Army has been superseded by the permit authority provided the Administrator, Environmental Protection Agency, and the States under Sections 402 and 405 of the Federal Water Pollution Control Act Amendments of 1972 (PL 92-500, 86 Stat. 816, 33 U.S.C. 1342 and 1345). See 40 CFR Parts 124 and 125.

(e) Section 14 of the River and Harbor Act approved March 3, 1899 (30 Stat. 1152; 33 U.S.C. 408) provides that the Secretary of the Army on the recommendation of the Chief of Engineers may grant permission for the temporary occupation or use of any sea wall, bulkhead, jetty, dike, levee, wharf, pier, or other work built by the United States. This permission will be granted by an appropriate real estate instrument in accordance with existing real estate regulations.

(f) Section 1 of the River and Harbor Act of June 13, 1902 (32 Stat. 371; 33 U.S.C. 565) allows any persons or corporations desiring to improve any navigable river at their own expense and risk to do so upon the approval of the plans and specifications by the Secretary of the Army and the Chief of Engineers. Improvements constructed under this authority, which are primarily in Federal project areas, remain subject to the control and supervision of the Secretary of the Army and the Chief of Engineers.

(g) Section 404 of the Federal Water Pollution Control Act Amendments of 1972 (PL 92-500, 86 Stat. 816, 33 U.S.C. 1344) (hereinafter referred to as Section 404) authorizes the Secretary of the Army, acting through the Chief of Engineers, to issue permits, after notice and opportunity for public hearings, for the discharge of dredged or fill material into the waters of the United States at specified disposal sites. See 33 CFR 323. The selection and use of disposal sites will be in accordance with guidelines developed by the Administrator of the Environmental Protection Agency (EPA) in conjunction with the Secretary of the Army, published in 40 CFR Part 230. If these guidelines prohibit the selection or use of a disposal site, the Chief of Engineers may consider the economic impact on navigation of such a prohibition in reaching his decision. Furthermore, the

Administrator can prohibit or restrict the use of any defined area as a disposal site whenever he determines, after notice and opportunity for public hearings and after consultation with the Secretary of the Army, that the discharge of such materials into such areas will have an unacceptable adverse effect on municipal water supplies, shellfish beds and fishery areas, wildlife, or recreational areas.

(h) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (PL 92-532, 86 Stat. 1052, 33 U.S.C. 1413) (hereinafter referred to as Section 103) authorizes the Secretary of the Army, acting through the Chief of Engineers, to issue permits, after notice and opportunity for public hearings, for the transportation of dredged material for the purpose of dumping it in ocean waters where it is determined that the dumping will not unreasonably degrade or endanger human health, welfare, or amenities, or the marine environment, ecological system, or economic potentialities. The selection of disposal sites will be in accordance with criteria, developed by the Administrator of the EPA in consultation with the Secretary of the Army, published in 40 CFR Parts 220-229. However, similar to the EPA Administrator's limiting authority cited in subparagraph (g), above, the Administrator can prevent the issuance of a permit under this authority if he finds that the dumping of the material will result in an unacceptable adverse impact on municipal water supplies, shellfish beds, wildlife, fisheries or recreational areas. See also 33 CFR Part 324.

§ 320.3 Related legislation.

(a) Section 401 of the Federal Water Pollution Control Act Amendments of 1972 (PL 92-500; 86 Stat. 816, 33 U.S.C. 1341) requires any non-Federal applicant for a Federal license or permit to conduct any activity that may result in a discharge of a pollutant into waters of the United States to obtain a certification from the State in which the discharge originates or will originate, or, if appropriate, from the interstate water pollution control agency having jurisdiction over the affected waters at the point where the discharge originates or will originate, that the discharge will comply with the applicable effluent limitations and water quality standards. A certification obtained for the construction of any facility must also pertain to the subsequent operation of the facility.

(b) Section 307(c) of the Coastal Zone Management Act of 1972, as amended (PL 94-370, 90 Stat. 1013, 16 U.S.C. 1456(c)) requires Federal agencies conducting activities, including development projects, directly affecting a State's coastal zone, to comply, to the maximum extent practicable, with an approved State coastal zone management program. It also requires any non-Federal applicant for a Federal license or permit to conduct an activity affecting land or water uses in the State's coastal zone to furnish a certification that the proposed activity will comply with the State's

coastal zone management program. Generally, no permit will be issued until the State has concurred with the non-Federal applicant's certification. This provision becomes effective upon approval by the Secretary of Commerce of the State's coastal zone management program. See also 15 CFR Part 930.

(c) Section 302 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, (PL 92-532, 86 Stat. 1052, 16 U.S.C. 1432) authorizes the Secretary of Commerce, after consultation with other interested Federal agencies and with the approval of the President, to designate as marine sanctuaries those areas of the ocean waters or of the Great Lakes and their connecting waters or of other coastal waters which he determines necessary for the purpose of preserving or restoring such areas for their conservation, recreational, ecological, or aesthetic values. After designating such an area, the Secretary of Commerce shall issue regulations to control any activities within the area. Activities in the sanctuary authorized under other authorities are valid only if the Secretary of Commerce certifies that the activities are consistent with the purposes of Title III of the Act and can be carried out within the regulations for the sanctuary.

(d) The National Environmental Policy Act of 1969 (42 U.S.C. 4321-4347) declares the national policy to encourage a productive and enjoyable harmony between man and his environment. Section 102 of that Act directs that "to the fullest extent possible: (1) The policies, regulations, and public laws of the United States shall be interpreted and administered in accordance with the policies set forth in this Act, and (2) all agencies of the Federal Government shall . . . insure that presently unquantified environmental amenities and values may be given appropriate consideration in decision making along with economic and technical considerations . . .". See also 33 CFR Part 325 and 33 CFR 209.410.

(e) The Fish and Wildlife Act of 1956 (16 U.S.C. 742a, et seq.), the Migratory Marine Game-Fish Act (16 U.S.C. 760c-760g) and the Fish and Wildlife Coordination Act (16 U.S.C. 661-666c) and other acts express the concern of Congress with the quality of the aquatic environment as it affects the conservation, improvement and enjoyment of fish and wildlife resources. Reorganization Plan No. 4 of 1970 transferred certain functions, including certain fish and wildlife-water resources coordination responsibilities, from the Secretary of the Interior to the Secretary of Commerce. Under the Fish and Wildlife Coordination Act and Reorganization Plan No. 4, any Federal agency that proposes to control or modify any body of water must first consult with the United States Fish and Wildlife Service, the National Marine Fisheries Service, as appropriate, and with the head of the appropriate State agency exercising administration over the wildlife resources of the affected State.

(f) The Federal Power Act of 1920 (41 Stat. 1063; 16 U.S.C. 791a et seq.), as amended, authorizes the Federal Power Commission (FPC) to issue licenses for the construction, operation and maintenance of dams, water conduits, reservoirs, power houses, transmission lines, and other physical structures of a power project. However, where such structures will affect the navigable capacity of any navigable waters of the United States (as defined in 16 U.S.C. 796), the plans for the dam or other physical structures affecting navigation must be approved by the Chief of Engineers and the Secretary of the Army. In such cases, the interests of navigation should normally be protected by a recommendation to the FPC for the inclusion of appropriate provisions in the FPC license rather than the issuance of a separate Department of the Army permit under 33 U.S.C. 401 et seq. As to any other activities in navigable waters not constituting construction, operation and maintenance of physical structures licensed by the FPC under the Federal Power Act of 1920, as amended, the provisions of 33 U.S.C. 401 et seq. remain fully applicable. In all cases involving the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of dumping in ocean waters, Section 404 or Section 103 will be applicable.

(g) The National Historic Preservation Act of 1966 (80 Stat. 915, 16 U.S.C. 470) created the Advisory Council on Historic Preservation to advise the President and Congress on matters involving historic preservation. In performing its function the Council is authorized to review and comment upon activities licensed by the Federal Government which will have an effect upon properties listed in the National Register of Historic Places, or eligible for listing. The concern of Congress for the preservation of significant historical sites is also expressed in the Preservation of Historical and Archeological Data Act of 1974 (16 U.S.C. 469 et seq.), which amends the Act of June 27, 1960. By this Act, whenever a Federal construction project or Federally licensed project, activity or program alters any terrain such that significant historical or archeological data is threatened, the Secretary of the Interior may take action necessary to recover and preserve the data prior to the commencement of the project. See also 33 CFR Part 305.

(h) The Interstate Land Sales Full Disclosure Act (15 USC 1701 et seq.) prohibits any developer or agent from selling or leasing any lot in a subdivision (as defined in 15 USC 1701(3)) unless the purchaser is furnished in advance a printed property report containing information which the Secretary of Housing and Urban Development may, by rules or regulations, require for the protection of purchasers. In the event the lot in question is part of a project that requires Department of the Army authorization, the Property Report is required by Housing and Urban Development regulation to state whether or not

a permit has been applied for, issued, or denied by the Corps of Engineers for the development under Section 10 or Section 404. The Property Report is also required to state whether or not any enforcement action has been taken as a consequence of non-application for or denial of such permit.

(i) The Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) declares the intention of the Congress to conserve threatened and endangered species and the ecosystems on which those species depend. The Act provides that Federal agencies must utilize their authorities in furtherance of its purposes by carrying out programs for the conservation of endangered or threatened species, and by taking such action necessary to insure that any action authorized by that Agency will not jeopardize the continued existence of such endangered or threatened species or result in the destruction or modification of habitat of such species which is determined by the Secretaries of Interior or Commerce, as appropriate, to be critical. See also 50 CFR Part 17.

(j) The Deepwater Port Act of 1974 (33 U.S.C. 1501 et seq.) prohibits the ownership, construction, or operation of a deepwater port beyond the territorial seas without a license issued by the Secretary of Transportation. The Secretary of Transportation may issue such a license to an applicant if he determines, among other things, that the construction and operation of the deepwater port is in the national interest and consistent with national security and other national policy goals and objectives. An application for a deepwater port license constitutes an application for all Federal authorizations required for the ownership, construction, and operation of a deepwater port, including applications for Section 10, Section 404 and Section 103 permits which must also be issued by the Department of the Army pursuant to the authorities listed in § 320.2. The Secretary of Transportation must obtain the views and recommendations of all Federal agencies having jurisdiction over any aspect of the deepwater port construction and operation prior to issuing a license.

(k) The Marine Mammal Protection Act of 1972 (16 U.S.C. 1361 et seq.) expresses the intent of Congress that marine mammals be protected and encouraged to develop in order to maintain the health and stability of the marine ecosystem. The Act imposes a perpetual moratorium on the harassment, hunting, capturing, or killing of marine mammals and on the importation of marine mammals and marine mammal products without a permit from either the Secretary of the Interior or the Secretary of Commerce, depending upon the species of marine mammal involved. Such permits may be issued only for purposes of scientific research and for public display if the purpose is consistent with the policies of the Act. The appropriate Secretary is also empowered in certain restricted circumstances to waive the requirements of the Act.

(l) Section 7(a) of the Wild and Scenic Rivers Act (82 Stat. 906, 16 U.S.C. 1278 et seq.) provides that no department or agency of the United States shall assist by loan, grant, license, or otherwise in the construction of any water resources project that would have a direct and adverse effect on the values for which such river was established, as determined by the Secretary charged with its administration. No department or agency of the United States shall recommend authorizing of any water resources project that would have a direct and adverse effect on the values for which such river was established, as determined by the Secretary charged with its administration, or request appropriations to begin construction of any such project, whether heretofore or hereafter authorized, without advising the Secretary of the Interior or the Secretary of Agriculture, as the case may be, in writing of its intention so to do at least sixty days in advance, and without specifically reporting to the Congress in writing at the time it makes its recommendation or request in what respect construction of such project would be in conflict with the purposes of this Act and would affect the component and the values to be protected by it under this Act.

(m) Section 6(f) of the Land and Water Conservation Fund Act of 1965 (78 Stat. 897, 16 USC 460 l-4, et seq.) provides that no property acquired or developed with assistance from the Land and Water Conservation Fund shall, without the approval of the Secretary of the Interior, be converted to other than public outdoor recreation uses. The Secretary shall approve such conversion only if he finds it to be in accord with the then existing comprehensive statewide outdoor recreation plan and only upon such conditions as he deems necessary to assure the substitution of other recreation properties of at least equal fair market value and of reasonably equivalent usefulness and location.

§ 320.4 General policies for evaluating permit applications.

The following policies shall be applicable to the review of all applications for Department of the Army permits. Additional policies specifically applicable to certain types of activities are identified in Parts 321-324 of this chapter.

(a) *Public interest review.* (1) The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity and its intended use on the public interest. Evaluation of the probable impact which the proposed activity may have on the public interest requires a careful weighing of all those factors which become relevant in each particular case. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the

outcome of the general balancing process (e.g., see 33 CFR 209.400, Guidelines for Assessment of Economic, Social and Environmental Effects of Civil Works Projects). That decision should reflect the national concern for both protection and utilization of important resources. All factors which may be relevant to the proposal must be considered; among those are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and, in general, the needs and welfare of the people. No permit will be granted unless its issuance is found to be in the public interest.

(2) The following general criteria will be considered in the evaluation of every application:

(i) the relative extent of the public and private need for the proposed structure or work;

(ii) the desirability of using appropriate alternative locations and methods to accomplish the objective of the proposed structure or work;

(iii) the extent and permanence of the beneficial and/or detrimental effects which the proposed structure or work may have on the public and private uses to which the area is suited; and

(iv) the probable impact of each proposal in relation to the cumulative effect created by other existing and anticipated structures or work in the general area.

(b) *Effect on wetlands.* (1) Wetlands are vital areas that constitute a productive and valuable public resource, the unnecessary alteration or destruction of which should be discouraged as contrary to the public interest.

(2) Wetlands considered to perform functions important to the public interest include:

(i) Wetlands which serve important natural biological functions, including food chain production, general habitat, and nesting, spawning, rearing and resting sites for aquatic or land species;

(ii) Wetlands set aside for study of the aquatic environment or as sanctuaries or refuges;

(iii) Wetlands the destruction or alteration of which would affect detrimentally natural drainage characteristics, sedimentation patterns, salinity distribution, flushing characteristics, current patterns, or other environmental characteristics;

(iv) Wetlands which are significant in shielding other areas from wave action, erosion, or storm damage. Such wetlands are often associated with barrier beaches, islands, reefs and bars;

(v) Wetlands which serve as valuable storage areas for storm and flood waters;

(vi) Wetlands which are prime natural recharge areas. Prime recharge areas are locations where surface and ground water are directly interconnected; and

(vii) Wetlands through natural water filtration processes serve to purify water.

(3) Although a particular alteration of wetlands may constitute a minor change,

the cumulative effect of numerous such piecemeal changes often results in a major impairment of the wetland resources. Thus, the particular wetland site for which an application is made will be evaluated with the recognition that it is part of a complete and interrelated wetland area. In addition, the District Engineer may undertake reviews of particular wetland areas in consultation with the appropriate Regional Director of the Fish and Wildlife Service, the Regional Director of the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration, the Regional Administrator of the Environmental Protection Agency, the local representative of the Soil Conservation Service of the Department of Agriculture, and the head of the appropriate State agency to assess the cumulative effect of activities in such areas.

(4) No permit will be granted to work in wetlands identified as important by subparagraph (2), above, unless the District Engineer concludes, on the basis of the analysis required in paragraph (a), above, that the benefits of the proposed alteration outweigh the damage to the wetlands resource and the proposed alteration is necessary to realize those benefits. In evaluating whether a particular alteration is necessary, the District Engineer shall consider whether the proposed activity is primarily dependent on being located in, or in close proximity to the aquatic environment and whether feasible alternative sites are available. The applicant must provide sufficient information on the need to locate the proposed activity in the wetland and must provide data on the basis of which the availability of feasible alternative sites can be evaluated.

(5) In addition to the policies expressed in this subpart the Congressional policy expressed in the Estuary Protection Act, PL 90-454, and State regulatory laws or programs for classification and protection of wetlands will be given great weight.

(c) *Fish and wildlife.* In accordance with the Fish and Wildlife Coordination Act (§ 320.3(e) above) Corps of Engineers officials will consult with the Regional Director, U.S. Fish and Wildlife Service, the Regional Director, National Marine Fisheries Service, and the head of the agency responsible for fish and wildlife for the State in which the work is to be performed, with a view to the conservation of wildlife resources by prevention of their direct and indirect loss and damage due to the activity proposed in a permit application. They will give great weight to these views on fish and wildlife considerations in evaluating the application. The applicant will be urged to modify his proposal to eliminate or mitigate any damage to such resources, and in appropriate cases the permit may be conditioned to accomplish this purpose.

(d) *Water quality.* Applications for permits for activities which may affect the quality of a water of the United States will be evaluated for compliance with applicable effluent limitations, water

quality standards, and management practices during the construction, operation, and maintenance of the proposed activity. Certification of compliance with applicable effluent limitations and water quality standards required under provisions of Section 401 of the Federal Water Pollution Control Act will be considered conclusive with respect to water quality considerations unless the Regional Administrator, Environmental Protection Agency (EPA), advises of other water quality aspects to be taken into consideration. Any permit issued may be conditioned to implement water quality protection measures.

(e) *Historic, scenic, and recreational values.* (1) Applications for permits covered by this regulation may involve areas which possess recognized historic, cultural, scenic, conservation, recreational or similar values. Full evaluation of the general public interest requires that due consideration be given to the effect which the proposed structure or activity may have on the enhancement, preservation, or development of such values. Recognition of those values is often reflected by State, regional, or local land use classifications, or by similar Federal controls or policies. In both cases, action on permit applications should, insofar as possible, be consistent with, and avoid adverse effect on, the values or purposes for which those classifications, controls, or policies were established.

(2) Specific application of the policy in subparagraph (1) above, applies to:

(i) Rivers named in Section 3 of the Wild and Scenic Rivers Act (82 Stat. 906, 16 U.S.C. 1273 et seq.); those proposed for inclusion as provided by Sections 4 and 5 of the Act, or by later legislation; and wild, scenic, and recreational rivers established by State and local entities;

(ii) Historic, cultural, or archeological sites or practices as provided in the National Historic Preservation Act of 1966 (83 Stat. 852, 42 U.S.C. 4321 et seq.) (see also Executive Order 11593, May 13, 1971, and Statutes there cited). Particular attention should be directed toward any district, site, building, structure, or object listed or eligible for listing in the National Register of Historic Places;

(iii) Sites included in or determined eligible for listing in the National Registry of Natural Landmarks which are published periodically in the FEDERAL REGISTER;

(iv) Sites acquired or developed with the assistance of the Land and Water Conservation Fund (78 Stat. 897, 16 U.S.C. 460, 1-4, et seq.) or the Recreational Demonstrations Projects Act of 1942 (PL 77-594, 56 Stat. 326) and other public parks and recreation areas; and

(v) Any other areas named in Acts of Congress or Presidential Proclamations as National Rivers, National Wilderness Areas, National Seashores, National Recreation Areas, National Lakeshores, National Parks, National Monuments, and such areas as may be established under Federal law for similar and related purposes, such as estuarine and marine sanctuaries.

(f) *Effect on limits of the territorial sea.* Structures or work affecting coastal waters may modify the coast line or base line from which the three mile belt is measured for purposes of the Submerged Lands Act and International Law. Generally, the coast line or base line is the line of ordinary low water on the mainland; however, there are exceptions where there are islands or lowtide elevations offshore. (The Submerged Lands Act, 67 Stat. 29, U.S. Code Section 1301(c), and United States vs. California, 381 U.S. 139 (1965), 382 U.S. 448 (1965).) All applications for structures or work affecting coastal waters will therefore be reviewed specifically to determine whether the coast line or base line might be altered. If it is determined that such a change might occur, coordination with the Attorney General and the Solicitor of the Department of the Interior is required before final action is taken. The District Engineer will submit a description of the proposed work and a copy of the plans to the Solicitor, Department of the Interior, Washington, D.C. 20240, and request his comments concerning the effects of the proposed work on the outer continental rights of the United States. These comments will be included in the file of the application. After completion of standard processing procedures, the file will be forwarded to the Chief of Engineers. The decision on the application will be made by the Secretary of the Army after coordination with the Attorney General.

(g) *Interference with adjacent properties or water resource projects.* Authorization of work or structures by the Department of the Army does not convey a property right, nor authorize any injury to property or invasion of other rights.

(1) Because a landowner has the general right to protect his property from erosion, applications to erect protective structures will usually receive favorable consideration. However, if the protective structure may cause damage to the property of others, the District Engineer will so advise the applicant and inform him of possible alternative methods of protecting his property. Such advice will be given in terms of general guidance only so as not to compete with private engineering firms nor require undue use of government resources. A significant probability of resulting damage to nearby properties can be a basis for denial of an application.

(2) A landowner's general right of access to navigable waters of the United States is subject to the similar rights of access held by nearby landowners and to the general public's right of navigation on the water surface. Proposals which create undue interference with access to, or use of, navigable waters will generally not receive favorable consideration.

(3) Where it is found that the work for which a permit is desired is in navigable waters of the United States (see 33 CFR Part 329) and may interfere with an authorized Federal project, the applicant should be apprised in writing

of the fact and of the possibility that a Federal project which may be constructed in the vicinity of the proposed work might necessitate its removal or reconstruction. The applicant should also be informed that the United States will in no case be liable for any damage or injury to the structures or work authorized by Sections 9 or 10 of the River and Harbor Act of 1899 (see 33 CFR Parts 321 and 322) which may be caused by or result from future operations undertaken by the Government for the conservation or improvement of navigation, or for other purposes; and no claims or right to compensation will accrue from any such damage.

(4) Proposed activities which are in the area of a Federal project which exists or is under construction will be evaluated to insure that they are compatible with the purposes of the project.

(h) *Activities affecting coastal zones.* Applications for Department of the Army permits for activities affecting the coastal zones of those States having a coastal zone management program approved by the Secretary of Commerce will be evaluated with respect to compliance with that program. No permit will be issued to a non-Federal applicant until certification has been provided that the proposed activity complies with the coastal zone management program and the appropriate State agency has concurred with the certification or has waived its right to do so. However, a permit may be issued to a non-Federal applicant if the Secretary of Commerce, on his own initiative or upon appeal by the applicant, finds that the proposed activity is consistent with the objectives of the Coastal Zone Management Act of 1972 or is otherwise necessary in the interest of national security. Federal agency applicants for Department of the Army permits are responsible for complying with the Coastal Zone Management Act's directives for assuring that their activities directly affecting the coastal zone are consistent, to the maximum extent practicable, with approved State coastal zone management programs.

(i) *Activities in marine sanctuaries.* Applications for Department of the Army authorization for activities in a marine sanctuary established by the Secretary of Commerce under authority of Section 302 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, will be evaluated for impact on the marine sanctuary. No permit will be issued until the applicant provides a certification from the Secretary of Commerce that the proposed activity is consistent with the purposes of Title III of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, and can be carried out within the regulations promulgated by the Secretary of Commerce to control activities within the marine sanctuary. Authorizations so issued will contain such special conditions as may be required by the Secretary of Commerce in connection with his certification.

(j) *Other Federal, state, or local requirements.* (1) Processing of an appli-

cation for a Department of the Army permit normally will proceed concurrently with the processing of other required Federal, State, and/or local authorizations or certification. Where the required Federal State and/or local certification and/or authorization has been denied, the application for a Department of the Army permit will be denied without prejudice to the right of the applicant to reinstate processing of his application if subsequent approval is received from the appropriate Federal, State and/or local agency. Even if official certification and/or authorization is not required by State or Federal law, but a State, regional, or local agency having jurisdiction or interest over the particular activity comments on the application, due consideration shall be given to those official views as a reflection of local factors of the public interest.

(2) Where officially adopted State, regional, or local land-use classifications, determinations, or policies are applicable to the land or water areas under consideration, they shall be presumed to reflect local factors of the public interest and shall be considered in addition with the other national factors of the public interest identified in § 320.4(a).

(3) A proposed activity may result in conflicting comments from several agencies within the same State. While many States have designated a single State agency or individual to provide a single and coordinated State position regarding pending permit applications, where a State has not so designated a single source, District Engineers will elicit from the Governor an expression of his views and desires concerning the application or, in the alternative, an expression from the Governor as to which State agency represents the official State position in this particular case.

(4) In the absence of overriding national factors of the public interest that may be revealed during the processing of the permit application, a permit will generally be issued following receipt of a favorable State determination provided the concerns, policies, goals, and requirements as expressed in 33 CFR Parts 320-324, and the following statutes have been followed and considered: The National Environmental Policy Act; the Fish and Wildlife Coordination Act; the Historical and Archaeological Preservation Act; the National Historic Preservation Act; the Endangered Species Act; the Coastal Zone Management Act; the Marine Protection, Research and Sanctuaries Act of 1972, as amended; and the Federal Water Pollution Control Act (see § 320.3, above).

(5) If the responsible Federal, State, and/or local agency fails to take definitive action to grant or deny required authorizations or to furnish comments as provided in subparagraph (3) above, within three months of the issuance of the public notice, the District Engineer shall process the application to a conclusion.

(6) Permits will not be issued where certification or authorization of the proposed work is required by Federal, State

and/or local law and that certification or authorization has been denied.

(7) The District Engineer may, in those States with ongoing permit programs for activities regulated by Department of the Army permits, enter into an agreement with the States to jointly process and evaluate Department of the Army and State permit applications. This may include the issuance of joint public notices; the conduct of joint public hearings, if held; and the joint review and analysis of information and comments developed in response to the public notice, public hearing, the environmental assessment and the environmental impact statement (if necessary), the Fish and Wildlife Coordination Act, the Historical and Archaeological Preservation Act, the National Historic Preservation Act, the Endangered Species Act, the Coastal Zone Management Act, the Marine Protection, Research and Sanctuaries Act of 1972, as amended, and the Federal Water Pollution Control Act. In such cases, applications for Department of the Army permits may be processed concurrently with the processing of the State permit to an independent conclusion and decision by the District Engineer and appropriate State agency.

(k) *Safety of impoundment structures.* Unless an adequate inspection program is required by another Federal licensing agency or will be performed by another Federal agency, the District Engineer will condition permits for impoundment structures to require that the permittee operate and maintain the structure properly to insure public safety. The District Engineer may condition such permits to require periodic inspections and to indicate that failure to accomplish actions to assure the public safety will be considered cause to revoke the permit.

(1) *Floodplains.* Executive Order 11988, dated May 24, 1977, requires each Federal agency, in its conduct of Federal programs that affect land use including the regulation of water resources, to take action to reduce the risk of flood loss; to minimize the impact of floods on human safety, health and welfare; and to restore and preserve the natural and beneficial values served by floodplains. In evaluating whether activities located in a floodplain that require Department of the Army permits are in the public interest, available alternatives to avoid adverse effects from and incompatible development in floodplains shall be considered.

PART 321—PERMITS FOR DAMS AND DIKES IN NAVIGABLE WATERS OF THE UNITED STATES

Sec.

321.1 General.

321.2 Definitions.

321.3 Special policies and procedures.

AUTHORITY: 33 U.S.C. 401.

§ 321.1. General.

This regulation prescribes, in addition to the general policies of 33 CFR 320.4 and procedures of 33 CFR Part 325, those special policies, practices, and procedures to be followed by the Corps of En-

gineers in connection with the review of applications for Department of Army permits to authorize the construction of a dike or dam in a navigable water of the United States pursuant to Section 9 of the River and Harbor Act of 1899 (33 U.S.C. 401). See 33 CFR 320.2(a). Dams and dikes in navigable waters of the United States also require Department of the Army permits under Section 404 of the Federal Water Pollution Control Act Amendments of 1972 (33 U.S.C. 1344). Applicants for Department of the Army permits under this Part should also refer to 33 CFR Part 323 to satisfy the requirements of Section 404.

§ 321.2 Definitions.

For the purpose of this regulation, the following terms are defined:

(a) The term "navigable waters of the United States" means those waters of the United States that are subject to the ebb and flow of the tide shoreward to the mean high water mark (mean higher high water mark on the Pacific coast), and/or are presently used, or have been used in the past, or may be susceptible to use to transport interstate or foreign commerce. See 33 CFR Part 329 for a more complete definition of this term.

(b) The term "dam" means an impoundment structure that completely spans a navigable water of the United States and that may obstruct interstate waterborne commerce.

(c) The term "dike" means an embankment, low dividing wall, or other protective barrier that completely spans a navigable water of the United States and that may obstruct interstate waterborne commerce.

§ 21.3 Special policies and procedures.

The following additional special policies and procedures shall be applicable to the evaluation of permit applications under this regulation:

(a) The Secretary of the Army will decide whether Department of the Army authorization for a dam or dike in a navigable water of the United States will be issued, since this authority has not been delegated to the Chief of Engineers. The conditions to be imposed in any instrument of authorization will be recommended by the District Engineer when he forwards his report to the Secretary of the Army, through the Chief of Engineers, pursuant to 33 CFR 325.11.

(b) A Department of the Army application under Section 9 will not be processed until the approval of the United States Congress has been obtained if the navigable water of the United States is an interstate waterbody, or until the approval of the appropriate State legislature has been obtained if the navigable water of the United States is solely within the boundaries of one State.

PART 322—PERMITS FOR STRUCTURES OR WORK IN OR AFFECTING NAVIGABLE WATERS OF THE UNITED STATES

Sec.

322.1 General.

322.2 Definitions.

Sec.

322.3 Activities requiring permits.

322.4 Structures and work permitted by this regulation.

322.5 Special policies and procedures.

Appendix A.—U.S. Coast Guard/Chief of Engineers Memorandum of Agreement.

Appendix B.—Delegation of Authority.

Authority: 33 U.S. 403.

§ 322.1 General.

This regulation prescribes, in addition to the general policies of 33 CFR 320.4 and procedures of 33 CFR Part 325 those special policies, practices and procedures to be followed by the Corps of Engineers in connection with the review of applications for Department of Army permits to authorize structures or work in or affecting navigable waters of the United States pursuant to Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403) (hereinafter referred to as Section 10). See 33 CFR 320.2(b). Certain structures or work in or affecting navigable waters of the United States are also regulated under other authorities of the Department of the Army. These include discharges of dredged or fill material into waters of the United States, including the territorial seas, pursuant to Section 404 of the Federal Water Pollution Control Act Amendments of 1972 (33 U.S.C. 1344; see 33 CFR Part 323) and the transportation of dredged material by vessel for purposes of dumping in ocean waters, including the territorial seas, pursuant to Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (33 U.S.C. 1413; see 33 CFR Part 324). A Department of the Army permit will also be required under these additional authorities if they are applicable to structures or work in or affecting navigable waters of the United States. Applicants for Department of the Army permits under this part should refer to the other cited authorities and implementing regulations for these additional permit requirements to determine whether they also are applicable to their proposed activities.

§ 322.2 Definitions.

For the purpose of this regulation, the following terms are defined:

(a) The term "navigable waters of the United States" means those waters of the United States that are subject to the ebb and flow of the tide shoreward to the mean high water mark (mean higher high water mark on the Pacific coast), and/or are presently used, or have been used in the past, or may be susceptible to use to transport interstate or foreign commerce. See 33 CFR Part 329 for a more complete definition of this term.

(b) The term "structure" shall include, without limitation, any pier, wharf, dolphin, weir, boom, breakwater, bulkhead, revetment, jetty, permanent mooring structure, power transmission lines, permanently moored floating vessels, piling, aids to navigation, or any other permanent or semi-permanent obstacle or obstruction.

(c) The term "work" shall include, without limitation, any dredging or disposal of dredged material, excavation,

filling, or other modification of a navigable water of the United States.

(d) The term "letter of permission" means an individual permit issued in accordance with the abbreviated procedures of 33 CFR 325.5(b).

(e) The term "individual permit" means a Department of the Army authorization that is issued following a case-by-case evaluation of a specific structure or work in accordance with the procedures of this regulation and 33 CFR Part 325 and a determination that the proposed structure or work is in the public interest pursuant to 33 CFR Part 320.

(f) The term "general permit" means a Department of the Army authorization that is issued for a category or categories of structures or work in a specified region of the country, when those structures or work are substantially similar in nature and cause only minimal individual and cumulative adverse environmental impact. A general permit is issued following an evaluation of the proposed category of activities that it will authorize in accordance with the procedures of this regulation (322.5(b)), 33 CFR Part 325, and a determination that the proposed discharges will be in the public interest pursuant to 33 CFR Part 320.

(g) The term "nationwide permit" means a Department of the Army authorization that has been issued by this regulation in § 322.4 to permit certain structures or work in or affecting navigable waters of the United States throughout the Nation.

§ 322.3 Activities requiring permits.

(a) General. Department of the Army permits are required under Section 10 for all structures or work in or affecting navigable waters of the United States except for bridges and causeways (see Appendix A) and structures or work licensed under the Federal Power Act of 1920. Activities that were commenced or completed shoreward of established Federal harbor lines before May 27, 1970 (see 33 CFR Part 328) also do not require Section 10 permits; however, if those activities involve the discharge of dredged or fill material into waters of the United States after October 18, 1972, a Section 404 permit is required (see 33 CFR Part 323).

(1) Structures or work are in the navigable waters of the United States if they are within limits defined in 33 CFR Part 329. Structures or work outside these limits are subject to the provisions of law cited in paragraph (a) above, if these structures or work affect the course, location, or condition of the waterbody in such a manner as to impact on the navigable capacity of the waterbody. For purposes of a Section 10 permit, a tunnel or other structure under or over a navigable water of the United States is considered to have an impact on the navigable capacity of the waterbody.

(2) Pursuant to Section 154 of the Water Resource Development Act of 1976 (PL 94-587), Department of the Army permits will not be required under Section 10 to construct wharves and piers in any waterbody, located entirely within one State, that is a navigable water of

the United States solely on the basis of its historical use to transport interstate commerce. Section 154 applies only to the construction of a single pier or wharf and not to marinas. Furthermore, Section 154 is not applicable to any pier or wharf that would cause an unacceptable impact on navigation.

(b) *Outer continental shelf.* Department of the Army permits will also be required for the construction of artificial islands and fixed structures on the outer continental shelf pursuant to Section 4(f) of the Outer Continental Shelf Lands Act (see 33 CFR 320.2(b)).

(c) *Activities of Federal agencies.* Except as specifically provided in this subparagraph, activities of the type described in (a) and (b), above, done by or on behalf of any Federal agency, other than any work or structures in or affecting navigable waters of the United States that are part of the Civil Works activities of the Corps of Engineers, are subject to the authorization procedures of this regulation. Agreement for construction or engineering services performed for other agencies by the Corps of Engineers does not constitute authorization under this regulation. Division and District Engineers will therefore advise Federal agencies accordingly, and cooperate to the fullest extent in expediting the processing of their applications.

(1) Congress has delegated to the Secretary of the Army and the Chief of Engineers in Section 10 the duty to authorize or prohibit certain work or structures in navigable waters of the United States. The general legislation by which Federal agencies are empowered to act generally is not considered to be sufficient authorization by Congress to satisfy the purposes of Section 10. If an agency asserts that it has Congressional authorization meeting the test of Section 10 or would otherwise be exempt from the provisions of Section 10, the legislative history and/or provisions of the Act should clearly demonstrate that Congress was approving the exact location and plans from which Congress could have considered the effect on navigable waters of the United States or that Congress intended to exempt that agency from the requirements of Section 10. Very often such legislation reserves final approval of plans or construction for the Chief of Engineers. In such cases evaluation and authorization under this regulation are limited by the intent of the statutory language involved.

(2) The policy provisions set out in 33 CFR 320.4(j) relating to State or local certifications and/or authorizations, do not apply to work or structures undertaken by Federal agencies, except where compliance with non-Federal authorization is required by Federal law or Executive policy.

§ 322.4 Structures and work permitted by this regulation.

The following structures or work are hereby permitted for purposes of Section 10 and do not require separate Department of the Army permits:

(a) The placement of aids to navigation by the U.S. Coast Guard; see § 322.5 (e), below;

(b) Structures constructed in artificial canals within principally residential developments where the connection of the canal to a navigable water of the United States has been previously authorized; See § 322.5(g), below;

(c) The repair, rehabilitation, or replacement of any previously authorized, currently serviceable, structure or of any currently serviceable structure constructed prior to the requirement for authorization; provided such repair, rehabilitation, or replacement does not result in a deviation from the plans of the original structure, and further provided that the structure to be maintained has not been put to uses differing from uses specified for it in any permit authorizing its original construction;

(d) Marine life harvesting devices such as pound nets, crab traps, eel pots, lobster traps, provided there is no interference with navigation;

(e) Staff gages, tide gages, water recording devices, water quality testing and improvement devices, and similar scientific structures provided there is no interference with navigation;

(f) Survey activities including core sampling; and

(g) Structures or work completed before 18 December 1968 or in waterbodies over which the District Engineer has not asserted jurisdiction provided there is no interference with navigation.

§ 322.5 Special policies.

The Secretary of the Army has delegated to the Chief of Engineers the authority to issue or deny Section 10 permits. (See Appendix B). The following additional special policies and procedures shall also be applicable to the evaluation of permit applications under this regulation.

(a) *General.* Department of the Army permits will be required for structures or work in or affecting navigable waters of the United States. Certain structures or work specified in § 322.4 are permitted by this regulation. If a structure or work is not permitted by this regulation, an individual or general Section 10 permit will be required.

(b) *General Permits.* The District Engineer may, after compliance with the other procedures of 33 CFR Part 325, issue general permits for certain clearly described categories of structures or work, requiring Department of the Army permits. After a general permit has been issued, individual activities falling within those categories will not require individual permit processing by the procedures of 33 CFR Part 325 unless the District Engineer determines, on a case-by-case basis, that the public interest requires such individual review.

(1) District Engineers will include only those activities that are substantially similar in nature, that cause only minimal adverse environmental impact when performed separately, and that will have only a minimal adverse cumula-

tive effect on the environment as categories which are candidates for general permits.

(2) In addition to the conditions prescribed in Appendix C of 33 CFR Part 325, any general permit issued by the District Engineer shall prescribe the following conditions:

(i) The maximum quantity of material that may be discharged and the maximum area that may be modified by structures or work that are authorized for a single or incidental operation (if applicable);

(ii) A description of the category or categories of activities included in the general permit; and

(iii) The type of water(s) into which the activity may occur.

(3) The District Engineer may require reporting procedures.

(4) A general permit may be revoked if it is determined that the cumulative effects of the activities authorized by it will have an adverse impact on the public interest provided the procedures of 33 CFR 325.7 are followed. Following revocation, application for any future activities in areas covered by the general permit shall be processed as applications for individual permits.

(c) *Non-Federal dredging for navigation.*—(1) The benefits which an authorized Federal navigation project are intended to produce will often require similar and related operations by non-Federal agencies (e.g., dredging an access channel to dock and berthing facilities or deepening such a channel to correspond to the Federal project depth). These non-Federal activities will be considered by Corps of Engineers officials in planning the construction and maintenance of Federal navigation projects and, to the maximum practical extent, will be coordinated with interested Federal, State, regional and local agencies and the general public simultaneously with the associated Federal projects. Non-Federal activities which are not so coordinated will be individually evaluated in accordance with this regulation. In evaluating the public interest in connection with applications for permits for such coordinated operations, equal treatment will, therefore, be accorded to the fullest extent possible to both Federal and non-Federal operations. Furthermore, permits for non-Federal dredging operations will contain conditions requiring the permittee to comply with the same practices or requirements utilized in connection with related Federal dredging operations with respect to such matters as turbidity, water quality, containment of material, nature and location of approved spoil disposal areas (non-Federal use of Federal contained, disposal areas will be in accordance with laws authorizing such areas and regulations governing their use), extent and period of dredging, and other factors relating to protection of environmental and ecological values.

(2) A permit for the dredging of a channel, slip, or other such project for navigation will also authorize the periodic maintenance dredging of the

project. Authority for maintenance dredging will be subject to revalidation at regular intervals to be specified in the permit. Revalidation will be in accordance with the procedures prescribed in 33 CFR 325.6. The permit, however, will require the permittee to give advance notice to the District Engineer each time maintenance dredging is to be performed. Where the maintenance dredging involves the discharge of dredged material into waters of the United States or the transportation of dredged material for the purpose of dumping in the ocean waters, the procedures in 33 CFR Parts 323 and 324 respectively shall also be followed.

(d) *Structures for small boats.* As a matter of policy, in the absence of overriding public interest, favorable consideration will generally be given to applications from riparian owners for permits for piers, boat docks, moorings, platforms and similar structures for small boats. Particular attention will be given to the location and general design of such structures to prevent possible obstructions to navigation with respect to both the public's use of the waterway and the neighboring proprietors' access to the waterway. Obstructions can result from both the existence of the structure, particularly in conjunction with other similar facilities in the immediate vicinity, and from its inability to withstand wave action or other forces which can be expected. District Engineers will inform applicants of the hazards involved and encourage safety in location, design and operation. Corps of Engineers officials will also encourage cooperative or group use facilities in lieu of individual proprietor use facilities.

(1) Letters transmitting permits for structures for small boats will, where applicable, include the following language: "Notice is hereby given that a possibility exists that the structure permitted may be subject to damage by wave wash from passing vessels. Your attention is invited to special condition _____ of the permit." The appropriate designation of the permit condition placing responsibility on the permittee and not on the United States for integrity of the structure and safety of boats moored thereto will be inserted.

(2) Floating structures for small recreational boats or other recreational purposes in lakes controlled by the Corps of Engineers under a Resources Manager are normally subject to permit authorities cited in § 322.3, above, when those waters are regarded as navigable waters of the United States. However, such structures will not be authorized under this regulation but will be regulated under applicable regulations of the Chief of Engineers published in 36 CFR 327.19 if the land surrounding those lakes is under complete Federal ownership. District Engineers will delineate those portions of the navigable waters of the United States where this provision is applicable and post notices of this designation in the vicinity of the lake Resources Manager's office.

(e) *Aids to navigation.* The placing of fixed and floating aids to navigation in a navigable water of the United States is within the purview of Section 10 of the River and Harbor Act of 1899. Furthermore, these aids are of particular interest to the U.S. Coast Guard because of their control of marking, lighting and standardization of such navigation aids. Applications for permits for installation of aids to navigation will, therefore, be coordinated with the appropriate District Commander, U.S. Coast Guard, and permits for such aids will include a condition to the effect that the permittee will conform to the requirements of the Coast Guard for marking, lighting, etc. Since most fixed and floating aids to navigation will not ordinarily significantly affect environmental values, the usual form of authorization to be used will be a letter of permission (See 33 CFR 325.1(b)).

(f) *Outer continental shelf.* Artificial islands and fixed structures located on the outer continental shelf are subject to the standard permit procedures of this regulation. Where the islands or structures are to be constructed on lands which are under mineral lease from the Bureau of Land Management, Department of the Interior, that agency, in cooperation with other Federal agencies, fully evaluates the potential effect of the leasing program on the total environment. Accordingly, the decision whether to issue a permit on lands which are under mineral lease from the Department of the Interior will be limited to an evaluation of the impact of the proposed work on navigation and national security. The public notice will so identify the criteria.

(g) *Canals and other artificial waterways connected to navigable waters of the United States.* (1) A canal or similar artificial waterway is subject to the regulatory authorities discussed in § 322.3, above, if it constitutes a navigable water of the United States, or if it is connected to navigable waters of the United States in a manner which affects their course, condition, or capacity. In all cases the connection to navigable waters of the United States requires a permit. Where the canal itself constitutes a navigable water of the United States, evaluation of the permit application and further exercise of regulatory authority will be in accordance with the standard procedures of this regulation. For all other canals the exercise of regulatory authority is restricted to those activities which affect the course, condition, or capacity of the navigable waters of the United States. Examples of the latter may include the length and depth of the canal; the currents, circulation, quality and turbidity of its waters, especially as they affect fish and wildlife values; and modifications or extensions of its configuration.

(2) The proponent of canal work should submit his application for a permit, including a proposed plan of the entire development, and the location and

description of anticipated docks, piers and other similar structures which will be placed in the canal, to the District Engineer before commencing any form of work. If the connection to navigable waters of the United States has already been made without a permit, the District Engineer will proceed in accordance with 33 CFR Part 326. Where a canal connection is planned, an application for a Section 10 permit should be made at the earliest stage of planning. Where the canal construction has already begun, the District Engineer will, in writing, advise the proponent of the need for a permit to connect the canals to navigable waters of the United States. He will also ask the proponent if he intends to make such a connection and will request the immediate submission of the plans and permit application if it is so intended. The District Engineer will also advise the proponent that any work is done at the risk that, if a permit is required, it may not be issued, and that the existence of partially completed excavation work will not be allowed to weigh favorably in evaluation of the permit application.

(h) *Facilities at the borders of the United States.* (1) The construction, operation, maintenance, or connection of facilities at the borders of the United States are subject to Executive control and must be authorized by the President, Secretary of State, or other delegated official.

(2) Applications for permits for the construction, operation, maintenance, or connection at the borders of the United States of facilities for the transmission of electric energy between the United States and a foreign country, or for the exportation or importation of natural gas to or from a foreign country, must be made to the Federal Power Commission. (Executive Order 10485, September 3, 1953, 16 U.S.C. 824(a) (e), 15 U.S.C. 717(b), and 18 CFR Parts 32 and 153).

(3) Applications for the landing or operation of submarine cables must be made to the Federal Communications Commission. (Executive Order 10530, May 10, 1954, 47 U.S.C. 34 to 39, and 47 CFR 1.766).

(4) The Secretary of State is to receive applications for permits for the construction, connection, operation, or maintenance, at the borders of the United States, of pipelines, conveyor belts, and similar facilities for the exportation or importation of petroleum products, coals, minerals, or other products to or from a foreign country; facilities for the exportation or importation of water or sewage to or from a foreign country; and monorails, aerial cable cars, aerial tramways and similar facilities for the transportation of persons or things, or both, to or from a foreign country. (Executive Order 11423, August 16, 1968.)

(5) A Department of the Army permit under Section 10 of the River and Harbor Act of 1899 is also required for all of the above facilities which affect the navigable waters of the United States, but in each case in which a permit has

been issued as provided above, the decision whether to issue the Department of the Army permit will be based primarily on factors of navigation, since the basic existence and operation of the facility will have been examined and permitted as provided by the Executive orders. Furthermore, in those cases where the construction, maintenance, or operation at the above facilities involves the discharge of dredged or fill material in waters of the United States or the transportation of dredged material for the purpose of dumping it into ocean waters, appropriate Department of the Army authorizations under Section 404 of the Federal Water Pollution Control Act or under Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, are also required (See 33 CFR Parts 323, 324).

(1) *Power transmission lines.* (1) Permits under Section 10 of the River and Harbor Act of 1899 are required for power transmission lines crossing navigable waters of the United States unless those lines are part of a water power project subject to the regulatory authorities of the Federal Power Commission under the Federal Power Act of 1920. If an application is received for a permit for lines which are part of a water power project, the applicant will be instructed to submit his application to the Federal Power Commission. If the lines are not part of a water power project, the application will be processed in accordance with the procedures prescribed in this regulation.

(2) The following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These clearances are related to the clearances over the navigable channel provided by existing fixed bridges, or the clearances which would be required by the U.S. Coast Guard for new fixed bridges, in the vicinity of the proposed power line crossing. The clearances are based on the low point of the line under conditions which produce the greatest sag, taking into consideration temperature, load, wind, length or span, and type of supports as outlined in the National Electrical Safety Code.

Minimum additional clearance above clearance required for bridges

Nominal system voltage kilovolt:	Feet ¹
115 and below	20
138	22
161	24
230	26
350	30
500	35
700	42
750 to 765	45

¹ Above clearance required for bridges.

(3) Clearances for communication lines, stream gaging cables, ferry cables, and other aerial crossings are usually required to be a minimum of ten feet above clearances required for bridges. Greater clearances will be required if the public interest so indicates.

(4) *Seaplane operations.* (1) Structures in navigable waters of the United States

associated with seaplane operations require Department of the Army permits, but close coordination with the Federal Aviation Administration (FAA), Department of Transportation, is required on such applications.

(2) The FAA must be notified by an applicant whenever he proposes to establish or operate a seaplane base. The FAA will study the proposal and advise the applicant, District Engineer, and other interested parties as to the effects of the proposal on the use of airspace. The District Engineer will therefore refer any objections regarding the effect of the proposal on the use of airspace to the FAA, and give due consideration to their recommendations when evaluating the general public interest.

(3) If the seaplane base will serve air carriers licensed by the Civil Aeronautics Board, the applicant must receive an airport operating certificate from the FAA. That certificate reflects determination and conditions relating to the installation operation, and maintenance of adequate air navigation facilities and safety equipment. Accordingly, the District Engineer may, in evaluating the general public interest, consider such matters to have been primarily evaluated by the FAA.

(k) *Foreign Trade Zones.* The Foreign Trade Zones Act (48 Stat. 998-1003, 19 U.S.C. 81a to 81u, as amended) authorizes the establishment of foreign-trade zones in or adjacent to United States ports of entry under terms of a grant and regulations prescribed by the Foreign-Trade Zones Board. Pertinent regulations are published in 15 CFR Part 400. The Secretary of the Army is a member of the Board, and construction of a zone is under the supervision of the District Engineer. Laws governing the navigable waters of the United States remain applicable to foreign-trade zones, including the general requirements of this regulation. Evaluation by a District Engineer of a permit application may give recognition to the consideration by the Board of the general economic effects of the zone on local and foreign commerce, general location of wharves and facilities, and other factors pertinent to construction, operation, and maintenance of the zone.

APPENDIX A—U.S. COAST GUARD/CHIEF OF ENGINEERS, MEMORANDUM OF AGREEMENT

1. PURPOSE AND AUTHORITY

A. The Department of Transportation Act, the Act of October 15, 1966, P.L. 89-670, transferred to and vested in the Secretary of Transportation certain functions, powers and duties previously vested in the Secretary of the Army and the Chief of Engineers. By delegation of authority from the Secretary of Transportation (49 CFR 1.46(c)) the Commandant, U.S. Coast Guard, has been authorized to exercise certain of these functions, powers and duties relating to bridges and causeways conferred by:

(1) The following provision of law relating generally to drawbridge operating regulations: Section 5 of the Act of August 18, 1894, as amended (28 Stat. 362; 33 U.S.C. 499);

(2) The following law relating generally to obstructive bridges: The Act of June 21, 1940, as amended (The Truman-Hobbs Act) (54 Stat. 497; 33 U.S.C. 511 et seq.);

(3) The following laws and provisions of law to the extent that they relate generally to the location and clearances of bridges and causeways in the navigable waters of the United States:

(a) Section 9 of the Act of March 3, 1899, as amended (30 Stat. 1151; 33 U.S.C. 401);

(b) The Act of March 23, 1906, as amended (34 Stat. 84; 33 U.S.C. 491 et seq.); and

(c) The General Bridge Act of 1946, as amended (60 Stat. 817; 33 U.S.C. 525 et seq.) except Sections 502(c) and 503.

B. The Secretary of the Army and The Chief of Engineers continue to be vested with broad and important authorities and responsibilities with respect to navigable waters of the United States, including, but not limited to, jurisdiction over excavation and filling, design flood flows and construction of certain structures in such waters, and the prosecution of waterway improvement projects.

C. The purposes of this agreement are:

(1) The recognize the common and mutual interest of the Chief and Engineers and the Commandant, U.S. Coast Guard, in the orderly and efficient administration of their respective responsibilities under certain Federal statutes to regulate certain activities in navigable waters of the United States;

(2) To clarify the areas of jurisdiction and the responsibilities of the Corps of Engineers and the Coast Guard with respect to:

(a) The alteration of bridges,

(1) In connection with Corps of Engineers waterway improvement projects, and

(2) Under the Truman-Hobbs Act;

(b) The construction, operation and maintenance of bridges and causeways as distinguished from other types of structures over or in navigable waters of the United States;

(c) The closure of waterways and the restriction of passage through or under bridges in connection with their construction, operation, maintenance and removal; and

(d) The selection of an appropriate design flood flow for flood hazard analysis of any proposed water opening.

(3) To provide for coordination and consultation on projects and activities in or affecting the navigable waters of the United States.

In furtherance of the above purposes the undersigned do agree upon the definitions, policies and procedures set forth below.

2. ALTERATION OF BRIDGES IN OR ACROSS NAVIGABLE WATERS WITHIN CORPS OF ENGINEERS PROJECTS

A. The Chief of Engineers agrees to advise and consult with the Commandant on navigation projects contemplated by the Corps of Engineers which require the alteration of bridges across the waterways involved in such projects. The Chief of Engineers also agrees to include in such project proposals the costs of alterations, exclusive of betterments, of all bridges within the limits of the designated project which after consultation with the Commandant he determines to require alteration to meet the needs of existing and prospective navigation. Under this concept the federal costs would be furnished under the project.

B. The Commandant of the Coast Guard agrees to undertake all actions and assume all responsibilities essential to the determination of navigational requirements for horizontal and vertical clearances of bridges across navigable waters necessary in connection with any navigation project by the Chief of Engineers. Further, the Commandant agrees to conduct all public proceedings necessary thereto and establish guide clearance criteria where needed for the project objectives.

3. ALTERATION OF BRIDGES UNDER THE TRUMAN-HOBBS ACT

The Commandant of the Coast Guard acknowledges and affirms the responsibility of the Coast Guard, under the Truman-Hobbs Act, to program and fund for the alteration of bridges which, as distinct from project-related alterations described in paragraph 2 herein, become unreasonable obstructions to navigation as a result of factors or changes in the character of navigation and this agreement shall in no way affect, impair or modify the powers or duties conferred by that Act.

4. APPROVAL, ALTERATION AND REMOVAL OF OTHER BRIDGES AND CAUSEWAYS

A. General Definitions. For purposes of this Agreement and the administration of the statutes cited in I.A.(3) above, a "bridge" is any structure over, on or in the navigable waters of the United States which (1) is used for the passage or conveyance of persons, vehicles, commodities and other physical matter and (2) is constructed in such a manner that either the horizontal or vertical clearance, or both, may affect the passage of vessels or boats through or under the structure. This definition includes, but is not limited to, highway bridges, railroad bridges, foot bridges, aqueducts, aerial tramways and conveyors, overhead pipelines and similar structures of like function together with their approaches, fenders, pier protection systems, appurtenances and foundations. This definition does not include aerial power transmission lines, tunnels, submerged pipelines and cables, dams, dikes, dredging and filling in, wharves, piers, breakwaters, bulkheads, jetties and similar structures and works (except as they may be integral features of a bridge and used in its construction, maintenance, operation or removal; or except when they are affixed to the bridge and will have an effect on the clearances provided by the bridge) over which jurisdiction remains with the Department of the Army and the Corps of Engineers under Sections 9 and 10 of the Act of March 3, 1899, as amended (33 U.S.C. 401 and 403). A "causeway" is a raised road across water or marshy land, with the water or marshy land on both sides of the road, and which is constructed in or affects navigation, navigable waters and design flood flows.

B. Combined Structures and Appurtenances. For purposes of the Acts cited in I.A.(3) above, a structure serving more than one purpose and having characteristics of either a bridge or causeway, as defined in 4.A., and some other structure, shall be considered as a bridge or causeway when the structure in its entirety, including its appurtenances and incidental features, has or retains the predominant characteristics and purpose of a bridge or causeway. A structure shall not be considered a bridge or causeway when its primary and predominant characteristics and purpose are other than those set forth above and it meets the general definitions above only in a narrow technical sense as a result of incidental features. This interpretation is intended to minimize the number of instances which will require an applicant for a single project to secure a permit or series of permits from both the Department of Transportation and the Department of the Army for each separate feature or detail of the project when it serves, incidentally to its primary purpose, more than one purpose and has features of either a bridge or causeway and features of some other structure. However, if parts of the project are separable and can be fairly and reasonably characterized or classified in an engineering sense as separate structures, each such structure will be so treated and consid-

ered for approval by the agency having jurisdiction thereover.

C. Alteration of the Character of Bridges and Causeways. The jurisdiction of the Secretary of Transportation and the Coast Guard over bridges and causeways includes authority to approve the removal of such structures when the owners thereof desire to discontinue their use. If the owner of a bridge or causeway discontinues its use and wishes to remove or alter any part thereof in such a manner that it will lose its character as a bridge or causeway, the Coast Guard will normally require removal of the structure from the waterway in its entirety. However, if the owner of a bridge or a causeway wishes to retain it in whole or in part for use other than for operation and maintenance as a bridge or causeway, the proposed structure will be considered as coming within the jurisdiction of the Corps of Engineers. The Coast Guard will refer requests for such uses to the Corps of Engineers for consideration. The Corps of Engineers agrees to advise the Commandant of the receipt of an application for approval of the conversion of a bridge or causeway to another structure and to provide opportunity for comment thereon. If the Corps of Engineers approves the conversion of a bridge or causeway to another structure, no residual jurisdiction over the structure will remain with the Coast Guard. However, if the Corps of Engineers does not approve the proposed conversion, then the structure remains a bridge subject to the jurisdiction of the Coast Guard.

5. CLOSURE OF WATERWAYS AND RESTRICTION OF PASSAGE THROUGH OR UNDER BRIDGES

Under the statutes cited in Section 1 of this Memorandum of Agreement, the Commandant must approve the clearances to be made available for navigation through or under bridges. It is understood that this duty and authority extends to and may be exercised in connection with the construction, alteration, operation, maintenance and removal of bridges, and includes the power to authorize the temporary restriction of passage through or under a bridge by use of falsework, piling, floating equipment, closure of draws, or any works or activities which temporarily reduce the navigation clearances and design flood flows, including closure of any or all spans of the bridge. Moreover, under the Ports and Waterways Safety Act of 1972, Public Law 92-340, 86 Stat. 424, the Commandant exercises broad powers in waterways to control vessel traffic in areas he determines to be especially hazardous and to establish safety zones or other measures for limited controls or conditional access and activity when necessary to prevent damage to or the destruction or loss of, any vessel, bridge, or other structure on or in the navigable waters of the United States. Accordingly, in the event that work in connection with the construction, alteration or repair of a bridge or causeway is of such a nature that for the protection of life and property navigation through or in the vicinity of the bridge or causeway must be temporarily prohibited, the Coast Guard may close that part of the affected waterway while such work is being performed. However, it is also clear that the Secretary of the Army and the Chief of Engineers have the authority, under Section 4 of the Act of August 18, 1894, as amended, (33 U.S.C. 1) to prescribe rules for the use, administration and navigation of the navigable waters of the United States. In recognition of that authority, and pursuant to Section 102(c) of the Ports and Waterways Safety Act, the Coast Guard will consult with the Corps of Engineers when any significant restriction of passage through

or under a bridge is contemplated to be authorized or a waterway is to be temporarily closed.

6. COORDINATION AND COOPERATION PROCEDURES

A. District Commanders, Coast Guard Districts, shall send notices of applications for permits for bridge or causeway construction, modification, or removal to the Corps of Engineers Divisions and Districts in which the bridge or causeway is located.

B. District Engineers, Corps of Engineers, shall send notices of applications for permits for other structures or dredge and fill work to local Coast Guard District Commanders.

C. In cases where proposed structures or modifications of structures do not clearly fall within one of the classifications set forth in paragraph 4.A. above, the application will be forwarded with recommendations of the reviewing officers through channels to the Chief of Engineers and the Commandant of the Coast Guard who shall, after mutual consultation, attempt to resolve the questions.

D. If the above procedures fail to produce agreement, the application will be forwarded to the Secretary of the Army and Secretary of Transportation for their determination.

E. The Chief of Engineers and the Commandant, Coast Guard pledge themselves to mutual cooperation and consultation in making available timely information and data, seeking uniformity and consistency among field offices, and providing timely and adequate review of all matters arising in connection with the administration of their responsibilities governed by the Acts cited herein.

Dated: March 21, 1973.

G. E. BENDER.

Dated: April 18, 1973.

F. J. CLARKE.

APPENDIX B—DELEGATION OF AUTHORITY TO ISSUE OR DENY PERMITS FOR CONSTRUCTION OR OTHER WORK AFFECTING NAVIGABLE WATERS OF THE UNITED STATES

MAY 24, 1971.

Pursuant to the authority vested in me by the Act of March 3, 1899, c.425, Sections 10 and 14, 30 Stat. 1151, 1152, 33 U.S.C. Sections 403 and 408, and the Act of June 13, 1902, c.1079, Section 1, 32 Stat. 371; 33 U.S.C. Section 565, I hereby authorize the Chief of Engineers and his authorized representatives to issue or deny permits for construction or other work affecting navigable waters of the United States. Except in cases involving applications for permits for artificial islands or fixed structures on Outer Continental Shelf lands under mineral lease from the Department of the Interior, the Chief of Engineers shall, in exercising such authority, evaluate the impact of the proposed work on the public interest. In cases involving applications for permits for artificial islands or fixed structures on Outer Continental Shelf lands under mineral lease from the Department of the Interior, the Chief of Engineers shall, in exercising such authority, evaluate the impact of the proposed work on navigation and national security. The permits so granted may be made subject to such special conditions as the Chief of Engineers or his authorized representatives may consider necessary in order to effect the purposes of the above Acts.

The Chief of Engineers and his authorized representatives shall exercise the authority hereby delegated subject to such conditions as I or my authorized representative may from time to time impose.

STANLEY R. RESOR,
Secretary of the Army.

PART 323—PERMITS FOR DISCHARGES OF DREDGED OR FILL MATERIAL INTO WATERS OF THE UNITED STATES

Sec.

- 323.1 General.
- 323.2 Definitions.
- 323.3 Activities requiring permits.
- 323.4 Discharges permitted by this regulation.
- 323.4-1 Discharges prior to effective dates of phasing.
- 323.4-2 Discharges into certain waters of the United States.
- 323.4-3 Specific categories of discharges.
- 323.4-4 Discretionary authority to require individual or general permits.
- 323.5 Special policies and procedures.

Appendix A—Delegation of authority.

AUTHORITY: 33 U.S.C. 1344.

§ 323.1 General.

This regulation prescribes, in addition to the general policies of 33 CFR 320.4 and procedures of 33 CFR Part 325, those special policies, practices, and procedures to be followed by the Corps of Engineers in connection with the review of applications for Department of the Army permits to authorize the discharge of dredged or fill material into waters of the United States pursuant to Section 404 of the Federal Water Pollution Control Act Amendments of 1972 (33 U.S.C. 1344) (hereinafter referred to as Section 404). See 33 CFR 320.2(g). Certain discharges of dredged or fill material into waters of the United States are also regulated under other authorities of the Department of the Army. These include dams and dikes in navigable waters of the United States pursuant to Section 9 of the River and Harbor Act of 1899 (33 U.S.C. 401; see 33 CFR 321) and structures or work in or affecting navigable waters of the United States pursuant to Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403; see 33 CFR 322). A Department of the Army permit will also be required under these additional authorities if they are applicable to activities involving discharges of dredged or fill material into waters of the United States. Applicants for Department of the Army permits under this Part should refer to the other cited authorities and implementing regulations for these additional permit requirements to determine whether they also are applicable to their proposed activities.

§ 323.2 Definitions.

For the purpose of this regulation, the following terms are defined:

(a) The term "waters of the United States" means:¹

(1) The territorial seas with respect to the discharge of fill material. (The transportation of dredged material by

vessel for the purpose of dumping in the oceans, including the territorial seas, at an ocean dump site approved under 40 CFR 228 is regulated by Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (33 USC 1413). See 33 CFR 324. Discharges of dredged or fill material into the territorial seas are regulated by Section 404.)

(2) Coastal and inland waters, lakes, rivers, and streams that are navigable waters of the United States, including adjacent wetlands;

(3) Tributaries to navigable waters of the United States, including adjacent wetlands (manmade nontidal drainage and irrigation ditches excavated on dry land are not considered waters of the United States under this definition).

(4) Interstate waters and their tributaries, including adjacent wetlands; and

(5) All other waters of the United States not identified in paragraphs (1)–(4) above, such as isolated wetlands and lakes, intermittent streams, prairie potholes, and other waters that are not part of a tributary system to interstate waters or to navigable waters of the United States, the degradation or destruction of which could affect interstate commerce.²

The landward limit of jurisdiction in tidal waters, in the absence of adjacent wetlands, shall be the high tide line and the landward limit of jurisdiction in all other waters, in the absence of adjacent

²In defining the jurisdiction of the FWPCA as the "waters of the United States," Congress, in the legislative history to the Act, specified that the term "be given the broadest constitutional interpretation unencumbered by agency determinations which would have been made or may be made for administrative purposes." The waters listed in paragraphs (a) (1)–(4) fall within this mandate as discharges into those waterbodies may seriously affect water quality, navigation, and other Federal interests; however, it is also recognized that the Federal government would have the right to regulate the waters of the United States identified in paragraph (a) (5) under this broad Congressional mandate to fulfill the objective of the Act: "to restore and maintain the chemical, physical, and biological integrity of the Nation's waters" (Section 101(a)). Paragraph (a) (5) incorporates all other waters of the United States that could be regulated under the Federal government's Constitutional powers to regulate and protect interstate commerce, including those for which the connection to interstate commerce may not be readily obvious or where the location or size of the waterbody generally may not require regulation through individual or general permits to achieve the objective of the Act. Discharges of dredged or fill material into waters of the United States identified in paragraphs (a) (1)–(4) will generally require individual or general permits unless those discharges occur beyond the headwaters of a river or stream or in natural lakes less than 10 acres in surface area. Discharges into these latter waters and into most of the waters identified in paragraph (a) (5) will be permitted by this regulation, subject to the provisions listed in paragraph 323.4-2(b) unless the District Engineer develops information, on a case-by-case basis, that the concerns for the aquatic environment as expressed in the EPA Guidelines (40 CFR 230) require regulation through an individual or general permit. (See 323.4-4).

wetlands, shall be the ordinary high water mark.

(b) The term "navigable waters of the United States" means those waters of the United States that are subject to the ebb and flow of the tide shoreward to the mean high water mark (mean higher high water mark on the Pacific coast) and/or are presently used, or have been used in the past, or may be susceptible to use to transport interstate or foreign commerce. (See 33 CFR 329 for a more complete definition of this term.)

(c) The term "wetlands" means those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas.

(d) The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the United States by man-made dikes or barriers, natural river berms, beach dunes and the like are "adjacent wetlands."

(e) The term "natural lake" means a standing body of open water that occurs in a natural depression fed by one or more streams and from which a stream may flow, that occurs due to the widening or natural blockage of a river or stream, or that occurs in an isolated natural depression that is not a part of a surface river or stream.

(f) The term "impoundment" means a standing body of open water created by artificially blocking or restricting the flow of a river, stream, or tidal area. As used in this regulation, the term does not include artificial lakes or ponds created by excavating and/or diking dry land to collect and retain water for such purposes as stock watering, irrigation, settling basins, cooling, or rice growing.

(g) The term "ordinary high water mark" means the line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank; shelving; changes in the character of soil; destruction of terrestrial vegetation; the presence of litter and debris; or other appropriate means that consider the characteristics of the surrounding areas.

(h) The term "high tide line" means a line or mark left upon tide flats, beaches, or along shore objects that indicates the intersection of the land with the water's surface at the maximum height reached by a rising tide. The mark may be determined by a line of oil or scum along shore objects, a more or less continuous deposit of fine shell or debris on the foreshore or berm, other physical markings or characteristics, vegetation lines, tidal gages, or other suitable means that delineate the general height reached by a rising tide. The term includes spring high tides and other high tides that occur with periodic frequency, but does not include storm surges in which there is a departure from the normal or predicted reach of the tide due to the piling up of water against a coast

by strong winds such as those accompanying a hurricane or other intense storm.

(l) The term "headwaters" means the point on a non-tidal stream above which the average annual flow is less than five cubic feet per second. The District Engineer may estimate this point from available data by using the mean annual area precipitation, area drainage basin maps, and the average runoff coefficient, or by similar means.

(j) The term "primary tributaries" means the main stems of tributaries directly connecting to navigable waters of the United States up to their headwaters, and does not include any additional tributaries extending off of the main stems of these tributaries.

(k) The term "dredged material" means material that is excavated or dredged from waters of the United States.

(l) The term "discharge of dredged material" means any addition of dredged material into the waters of the United States. The term includes, without limitation, the addition of dredged material to a specified disposal site located in waters of the United States and the runoff or overflow from a contained land or water disposal area. Discharges of pollutants into waters of the United States resulting from the onshore subsequent processing of dredged material that is extracted for any commercial use (other than fill) are not included within this term and are subject to Section 402 of the Federal Water Pollution Control Act even though the extraction and deposit of such material may require a permit from the Corps of Engineers. The term does not include plowing, cultivating, seeding and harvesting for the production of food, fiber, and forest products.

(m) The term "fill material" means any material used for the primary purpose of replacing an aquatic area with dry land or of changing the bottom elevation of a waterbody. The term does not include any pollutant discharged into the water primarily to dispose of waste, as that activity is regulated under Section 402 of the Federal Water Pollution Control Act Amendments of 1972.

(n) The term "discharge of fill material" means the addition of fill material into waters of the United States. The term generally includes, without limitation, the following activities: Placement of fill that is necessary to the construction of any structure in a water of the United States; the building of any structure or impoundment requiring rock, sand, dirt, or other material for its construction; site-development fills for recreational, industrial, commercial, residential, and other uses; causeways or

road fills; dams and dikes; artificial islands; property protection and/or reclamation devices such as riprap, groins, seawalls, breakwaters, and revetments; beach nourishment; levees; fill for structures such as sewage treatment facilities, intake and outfall pipes associated with power plants and subaqueous utility lines; and artificial reefs. The term does not include plowing, cultivating, seeding and harvesting for the production of food, fiber, and forest products.

(o) The term "individual permit" means a Department of the Army authorization that is issued following a case-by-case evaluation of a specific project involving the proposed discharge(s) in accordance with the procedures of this regulation and 33 CFR 325 and a determination that the proposed discharge is in the public interest pursuant to 33 CFR Part 320.

(p) The term "general permit" means a Department of the Army authorization that is issued for a category or categories of discharges of dredged or fill material that are substantially similar in nature and that cause only minimal individual and cumulative adverse environmental impact. A general permit is issued following an evaluation of the proposed category of discharges in accordance with the procedures of this regulation (§ 323.3(c)), 33 CFR Part 325, and a determination that the proposed discharges will be in the public interest pursuant to 33 CFR Part 320.

(q) The term "nationwide permit" means a Department of the Army authorization that has been issued by this regulation in § 323.4 to permit certain discharges of dredged or fill material into waters of the United States throughout the Nation.

§ 323.3 Discharges requiring permits.

(a) General. Department of the Army permits will be required for the discharge of dredged or fill material into waters of the United States. Certain discharges specified in §§ 323.4-1, 323.4-2 and 323.4-3 are permitted by this regulation. If a discharge of dredged or fill material is not permitted by this regulation, an individual or general Section 404 permit will be required for the discharge of dredged or fill material into waters of the United States in accordance with the following phased schedule:

(1) Before July 25, 1975, discharges into navigable waters of the United States.

(2) After July 25, 1975, discharges into navigable waters of the United States and adjacent wetlands.

(3) After September 1, 1976, discharges into navigable waters of the United States and their primary tributaries, including adjacent wetlands, and into natural lakes, greater than 5 acres in surface area. (See also § 323.4-2 for discharges that are permitted by this regulation.)

(4) After July 1, 1977, discharges into all waters of the United States. (See also § 323.4-2 for discharges that are permitted by this regulation.)

(b) Individual permits. Unless permitted by this regulation (§§ 323.4-1,

323.4-2 and 323.4-3) or authorized by general permits (§ 323.3(c)), the discharge of dredged or fill material into waters of the United States will require an individual Department of the Army permit issued in accordance with the policies in § 320.4 and procedures in 33 CFR Part 325.

(c) General permits. The District Engineer may, after compliance with the other procedures of 33 CFR Part 325, issue general permits for certain clearly described categories of structures or work, including discharges of dredged or fill material, requiring Department of the Army permits. After a general permit has been issued, individual activities falling within those categories will not require individual permit processing by the procedures of 33 CFR Part 325 unless the District Engineer determines, on a case-by-case basis, that the public interest requires individual review.

(1) District Engineers will include only those activities that are substantially similar in nature, that cause only minimal adverse environmental impact when performed separately, and that will have only a minimal adverse cumulative effect on the environment as categories which are candidates for general permits.

(2) The District Engineer shall include appropriate conditions as specified in Appendix C of 33 CFR Part 325 in each general permit and shall prescribe the following additional conditions:

(i) The maximum quantity of material that may be discharged and the maximum area that may be modified by a single or incidental operation (if applicable);

(ii) A description of the category or categories of activities included in the general permit; and

(iii) The type of water(s) into which the activity may occur.

(3) The District Engineer may require reporting procedures.

(4) A general permit may be revoked if it is determined that the effects of the activities authorized by it will have an adverse impact on the public interest provided the procedures of 33 CFR 325.7 are followed. Following revocation, applications for future activities in areas covered by the general permit shall be processed as applications for individual permits.

(d) Activities of Federal agencies. (1) Discharges of dredged or fill material into waters of the United States done by or on behalf of any Federal agency, or instrumentality other than the Corps of Engineers, are subject to the authorization procedures of this regulation. Agreement for construction or engineering services performed for other agencies by the Corps of Engineers does not constitute authorization under the regulation. Division and District Engineers will therefore advise Federal agencies and instrumentalities accordingly and cooperate to the fullest extent in the expeditious processing of their applications.

(2) The policy provisions set out in 33 CFR 320.4(j), relating to State or local authorizations, do not apply to discharges of dredged or fill material into

* For streams that are dry during long periods of the year, District Engineers, after notifying the Regional Administrator of EPA, may establish the headwater point as that point on the stream where a flow of five cubic feet per second is equaled or exceeded 50 percent of the time. The District Engineer shall notify the Regional Administrator of his determination of these headwater points.

waters of the United States undertaken by Federal agencies, except where compliance with non-Federal authorization is required by Federal law or Executive policy. Federal agencies are required to comply with the appropriate State, interstate and local water-quality standards and effluent limitations as are applicable by law that are adopted in accordance with or effective under the provisions of the Federal Water Pollution Control Act, as amended, in the design, construction, management, operation, and maintenance of their respective facilities. (See Executive Order No. 11752, dated 17 Dec. 73). They are not required, however, to provide certification of compliance with effluent limitations and water-quality standards from State or interstate water pollution control agencies in connection with activities involving discharges into waters of the United States.

(e) *Activities licensed under the Federal Power Act of 1920.* Any part of a structure or work licensed by the Federal Power Commission that involves the discharge of dredged or fill material into waters of the United States shall require a Department of the Army authorization under this regulation.

§ 323.4 Discharges permitted by this regulation.

(a) *General.* Discharges of dredged or fill material specified in §§ 323.4-1, 323.4-2 and 323.4-3, below, are hereby permitted for purposes of Section 404 without further processing under this regulation (individual applications are not needed), except as provided in § 323.4-4 below. Permits may, however, be required under Section 10 of the River and Harbor Act of 1899 (see 33 CFR 322). Sections 323.4-1, 323.4-2, and 323.4-3 do not obviate the requirement to obtain State or local assent required by law for the activities permitted therein.

(b) *Management practices.* In addition to the conditions specified in §§ 323.4-2(b) and 323.4-3(b), the following management practices should be followed, to the maximum extent practicable, in the discharge of dredged or fill material permitted by §§ 323.4-2 and 323.4-3 to minimize the adverse effects of these discharges on the aquatic environment:

(1) Discharges of dredged or fill material into waters of the United States should be avoided or minimized through the use of other practical alternatives;

(2) Discharges in spawning areas during spawning seasons should be avoided;

(3) Discharges should not restrict or impede the movement of aquatic species indigenous to the waters or the passage of normal or expected high flows or cause the relocation of the waters (unless the primary purpose of the fill is to impound waters);

(4) If the discharge creates an impoundment water, adverse impacts on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow, should be minimized;

(5) Discharges in wetlands areas should be avoided;

(6) Heavy equipment working in wetlands should be placed on mats;

(7) Discharges into breeding and nesting areas for migratory waterfowl should be avoided; and

(8) All temporary fills should be removed in their entirety.

§ 323.4-1 Discharges prior to effective dates of phasing.

(a) Discharges of dredged or fill material in waters of the United States that occur before the phase-in dates specified in § 323.3(a)(2)-(4) above are hereby permitted for purposes of Section 404, provided the conditions in paragraph (c) below are met.

(b) Discharges of dredged or fill material of less than 500 cubic yards into waters other than navigable waters of the United States (see 33 CFR 329) that are part of an activity that was commenced before July 25, 1975, that were completed by January 25, 1976, and that involve a single and complete project and not a number of projects associated with a complete development plan are hereby permitted for purposes of Section 404, provided the conditions in paragraph (c) below are met. The term "commenced" as used herein shall be satisfied if there has been, before July 25, 1975, some discharge of dredged or fill material as a part of the above activity or an entering into of a written contractual obligation to have the dredged or fill material discharged at a designated disposal site by a contractor.

(c) For the purposes of Section 404, the following conditions must have been satisfied for the discharges occurring before the dates specified in paragraph (a) and (b) above:

(1) That the discharge was not located in the proximity of a public water intake;

(2) That the discharge did not contain unacceptable levels of pathogenic organisms in areas used for recreation involving physical contact with the water;

(3) That the discharge did not occur in areas of concentrated shellfish production; and

(4) That the discharge did not destroy or endanger the critical habitat or a threatened or endangered species, as identified under the Endangered Species Act.

§ 323.4-2 Discharges into certain waters of the United States.

(a) Discharges of dredged or fill material into the following waters of the United States are hereby permitted for purposes of Section 404, provided the conditions in paragraph (b) below are met:

(1) Non-tidal rivers, streams and their impoundments including adjacent wetlands that are located above the headwaters;

(2) Natural lakes, including their adjacent wetlands, that are less than 10 acres in surface area and that are fed or drained by a river or stream above the headwaters. In the absence of adjacent wetlands, the surface area of a lake shall be determined at the ordinary high water mark;

(3) Natural lakes, including their adjacent wetlands, that are less than 10 acres in surface area and that are isolated and not a part of a surface river or stream. In the absence of adjacent wetlands, the surface area of a lake shall be determined at the ordinary high water mark; and

(4) Other non-tidal waters of the United States other than isolated lakes larger than 10 acres (see (3) above) that are not part of a surface tributary system to interstate waters or navigable waters of the United States (see § 323.2(a)(5)).

(b) For purposes of Section 404, the following conditions must be satisfied for any discharge of dredged or fill material in waters described in paragraph (a), above:

(1) That the discharge will not destroy a threatened or endangered species as identified under the Endangered Species Act, or endanger the critical habitat of such species;

(2) That the discharge will consist of suitable material free from toxic pollutants in other than trace quantities;

(3) That the fill created by the discharge will be properly maintained to prevent erosion and other non-point sources of pollution; and

(4) That the discharge will not occur in a component of the National Wild and Scenic Rivers System or in a component of a State wild and scenic river system.

§ 323.4-3 Specific categories of discharges.

(a) The following discharges of dredged or fill material into waters of the United States are hereby permitted for purposes of Section 404, provided the conditions specified in this paragraph and paragraph (b) below are met:

(1) Dredged or fill material placed as backfill or bedding for utility line crossings provided there is no change in pre-construction bottom contours (excess material must be removed to an upland disposal area). A "utility line" is defined as any pipe or pipeline for the transportation of any gaseous, liquid, liquifiable, or slurry substance, for any purpose, and any cable, line, or wire for the transmission for any purpose of electrical energy, telephone and telegraph messages, and radio and television communication. (The utility line will require a Section 10 permit if in navigable waters of the United States. See 33 CFR Part 322.);

(2) Material discharged for bank stabilization, provided that the bank stabilization activity is less than 500 feet in length, is necessary for erosion prevention, and is limited to less than an average of one cubic yard per running foot along the bank, provided further that no material for bank stabilization is placed in any wetland area, and provided further that no material is placed in any locality or in any manner so as to impair surface water flow into or out of any wetland area. (This activity will require a Section 10 permit if in navigable waters of the United States. See 33 CFR part 322.);

(3) Minor road crossing fills including all attendant features both temporary and permanent that are part of a single and complete crossing of a non-tidal waterbody, provided that the crossing is culverted or bridged to prevent the restriction of expected high flows and provided further that discharges into any wetlands adjacent to the waterbody do not extend beyond 100 feet on either side of the ordinary high water mark of that waterbody. A "minor road crossing fill" is defined as a crossing that involves the discharge of less than 200 cubic yards of fill material below the plane of ordinary high water. The crossing will require a permit from the US Coast Guard if located in navigable waters of the United States (see 33 USC 401);

(4) Fill placed incidental to the construction of bridges across tidal waters including cofferdams, abutments, foundation seals, piers, and temporary construction and access fills. Approach fills and causeways are not included in this permit and will require an individual or general Section 404 permit if located in waters of the United States; these fills as well as the bridge itself will also require a permit from the U.S. Coast Guard; and

(5) The repair, rehabilitation or replacement of any previously authorized, currently serviceable fill, or of any currently serviceable fill discharged prior to the requirement for authorization; provided such repair, rehabilitation or replacement does not result in a deviation from the specifications of the original work, and further provided that the fill to be maintained has not been put to uses differing from uses specified for it in any permit authorizing its original construction.

(b) For the purposes of Section 404, the following conditions must be satisfied prior to any discharge of dredged or fill material associated with the activities described above:

(1) That the discharge will not be located in the proximity of a public water supply intake;

(2) That the discharge will not occur in areas of concentrated shellfish production;

(3) That the discharge will not destroy a threatened or endangered species as identified under the Endangered Species Act, or endanger the critical habitat of such species;

(4) That the discharge will not disrupt the movement of those species of aquatic life indigenous to the waterbody;

(5) That the discharge will consist of suitable material free from toxic pollutants in other than trace quantities;

(6) That the fill created by the discharge will be properly maintained to prevent erosion and other non-point sources of pollution; and

(7) That the discharge will not occur in a component of the National Wild and Scenic River System or in a component of a State wild and scenic river system.

§ 323.4-4 Discretionary authority to require individual or general permits.

Notwithstanding the provisions of §§ 323.4-1, 323.4-2 and 323.4-3, above, the procedures of this regulation and 33 CFR Part 325, including those pertaining to individual and general permits, shall apply to any discharge(s) of dredged or fill material if the District Engineer determines that the concerns of the aquatic environment, as expressed in the guidelines (see 40 CFR Part 230) indicate the need for such action because of individual and/or cumulative adverse impacts to the affected waters. In such cases, he shall take such steps as are necessary to notify persons who would be affected by such action. If the Regional Administrator, EPA, advises the District Engineer that the concerns for the aquatic environment as expressed in the Section 404(b) Guidelines require assertion of jurisdiction under § 323.4-4, and the District Engineer and Division Engineer disagree, the Office of the Chief of Engineers (DAEN-CWO-N and DAEN-CCH) shall be notified for further coordination and resolution with the Administrator.

§ 323.5 Special policies and procedures.

The Secretary of the Army has delegated to the Chief of Engineers the authority to issue or deny Section 404 permits. (See Appendix A.) The following additional special procedures shall also be applicable to the evaluation of permit applications under this regulation:

(a) *EPA Guidelines.* Applications for permits for the discharge of dredged or fill material into waters of the United States will be reviewed in accordance with guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Federal Water Pollution Control Act. (See 40 CFR Part 230.) If the EPA guidelines alone prohibit the designation of a proposed disposal site, the economic impact on navigation and anchorage of the failure to authorize the use of the proposed disposal site will also be considered in evaluating whether or not the proposed discharge is in the public interest.

(b) *Coordination with EPA.* Prior to actual issuance of permits for the discharge of dredged or fill material in waters of the United States, Corps of Engineers officials will advise appropriate Regional Administrators, EPA, of the intent to issue permits to which EPA has objected, recommended conditions, or for which significant changes are proposed. If the Regional Administrator advises, within fifteen days of the advice of the intent to issue, that he objects to the issuance of the permits, the case will be forwarded to the Chief of Engineers in accordance with 33 CFR 325.11 for further coordination with the Administrator, EPA, and decision. The report forwarding the case will contain an analysis of the economic impact on navigation and anchorage that would occur by failing to authorize the use of a proposed disposal site, and whether there are other

economically feasible methods or sites available other than those to which the Regional Administrator objects.

APPENDIX A.—DELETION OF AUTHORITY TO ISSUE OR DENY PERMITS FOR THE DISCHARGE OF DREDGED OR FILL MATERIAL INTO NAVIGABLE WATERS

MARCH 12, 1973.

Pursuant to the authority vested in me by Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 86 Stat. 816, P.L. 92-500, I hereby authorize the Chief of Engineers and his authorized representatives to issue or deny permits, after notice and opportunity for public hearings, for the discharge of dredged or filled material into navigable waters at specified disposal sites. The Chief of Engineers shall, in exercising such authority, evaluate the impact of the proposed discharge on the public interest. All permits issued shall specify a disposal site for the discharge of the dredged or fill material through the application of guidelines developed by the Administrator of the Environmental Protection Agency and myself. In those cases where these guidelines would prohibit the specification of a disposal site, the Chief of Engineers, in his evaluation of whether the proposed discharge is in the public interest, is authorized also to consider the economic impact on navigation and anchorage which would occur by failing to authorize the use of a proposed disposal site. The permits so granted may be made subject to such special conditions as the Chief of Engineers or his authorized representatives may consider necessary in order to effect the purposes of the above Act, other pertinent laws and any applicable memoranda of understanding between the Secretary of the Army and heads of other governmental agencies.

The Chief of Engineers and his authorized representative shall exercise the authority hereby delegated subject to such conditions as I or my authorized representative may from time to time impose.

KENNETH E. BELIEU,
Acting Secretary of the Army.

PART 324—PERMITS FOR OCEAN DUMPING OF DREDGED MATERIAL

Sec.

324.1 General.

324.2 Definitions.

324.3 Activities requiring permits.

324.4 Special procedures.

Appendix A.—Delegation of authority.

AUTHORITY: 33 U.S.C. 1413.

§ 324.1 General.

This regulation prescribes in addition to the general policies of 33 CFR 320.4 and procedures of 33 CFR Part 325, those special policies, practices and procedures to be followed by the Corps of Engineers in connection with the review of applications for Department of the Army permits to authorize the transportation of dredged material by vessel for the purpose of dumping it in ocean waters at dumping sites designated under 40 CFR Part 228 pursuant to Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (33 USC 1413) (hereinafter referred to as Section 103). See 33 CFR 320.2(h). Activities involving the transportation of dredged material for the purpose of dumping in the ocean waters also require Department of the Army permits under Section

10 of the River and Harbor Act of 1899 (33 USC 403) for the dredging in navigable waters of the United States. Applicants for Department of the Army permits under this Part should also refer to 33 CFR Part 322 to satisfy the requirements of Section 10.

§ 324.2 Definitions.

For the purpose of this regulation, the following terms are defined:

(a) The term "ocean waters" means those waters of the open seas lying seaward of the base line from which the territorial sea is measured, as provided for in the Convention on the Territorial Sea and the Contiguous Zone (15 UST 1606; TIAS 5639).

(b) The term "dredged material" means any material excavated or dredged from navigable waters of the United States or ocean waters.

(c) The term "transport" or "transportation" refers to the carriage and related handling of dredged material by a vessel.

§ 324.3 Activities requiring permits.

(a) *General.* Department of the Army permits are required for the transportation of dredged material for the purpose of dumping it in ocean waters.

(b) *Activities of Federal agencies.* (1) The transportation of dredged material for the purpose of dumping in ocean waters done by or on behalf of any Federal agency other than the activities of the Corps of Engineers are subject to the procedures of this regulation. Agreement for construction or engineering services performed for other agencies by the Corps of Engineers does not constitute authorization under the regulation. Division and District Engineers will therefore advise Federal agencies accordingly and cooperate to the fullest extent in the expeditious processing of their applications. The activities of the Corps of Engineers that involve the transportation of dredged material for dumping in ocean waters are regulated by 33 CFR 209.145.

(2) The policy provisions set out in 33 CFR 320.4(j) relating to State or local authorizations do not apply to work or structures undertaken by Federal agencies, except where compliance with non-Federal authorization is required by Federal law or Executive policy. Federal agencies are required to comply with the substantive State, interstate, and local water-quality standards and effluent limitations as are applicable by law that are adopted in accordance with or effective under the provisions of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, and related laws in the design, construction, management, operation, and maintenance of their respective facilities. (See Executive Order No. 11752, dated 17 Dec 73.) They are not required, however, to obtain and provide certification of compliance with effluent limitations and water-quantity standards from State or interstate water pollution control agencies in connection with activities involving discharges into ocean waters.

§ 324.4 Special procedures.

The Secretary of the Army has delegated to the Chief of Engineers the authority to issue or deny Section 103 permits. (See Appendix A.) The following additional procedures shall also be applicable under this regulation.

(a) *Public notice.* For all applications for Section 103 permits, the District Engineer will issue a public notice which shall contain, in addition to the information specified in 33 CFR 325.3, the following information:

(1) The location of the proposed disposal site and its physical boundaries;

(2) A statement as to whether the site has been designated for use by the Administrator, EPA, pursuant to Section 102(c) of the Act;

(3) If the proposed disposal site has not been designated by the Administrator, EPA a description of the characteristics of the proposed disposal site and an explanation as to why no previously designated disposal site is feasible;

(4) A brief description of known dredged material discharges at the proposed disposal site;

(5) Existence and documented effects of other authorized dumpings that have been made in the dumping area (e.g., heavy metal background reading and organic carbon content);

(6) An estimate of the length of time during which disposal will continue at the proposed site;

(7) Characteristics and composition of the dredged material; and

(8) A statement concerning a preliminary determination of the need for and/or availability of an environmental impact statement.

(b) *Evaluation.* Applications for permits for the transportation of dredged material for the purpose of dumping it in ocean waters will be evaluated to determine whether the proposed dumping will unreasonably degrade or endanger human health, welfare, or amenities, or the marine environment, ecological systems or economic potentialities. In making this evaluation, criteria established by the Administrator, EPA, pursuant to Section 102 of the Marine Protection Research and Sanctuaries Act of 1972, as amended, shall be applied including an evaluation of the need for the ocean dumping and including the availability of alternatives to ocean dumping. Where ocean dumping is determined to be necessary, the District Engineer will, to the extent feasible, specify disposal sites using the recommendations of the Administrator pursuant to Section 102(c) of the Act. See 40 CFR Parts 220 to 229.

(c) *EPA review.* If the Regional Administrator, EPA, advises the District Engineer that the proposed dumping will comply with the criteria the District Engineer shall complete his evaluation of the Section 103 application under this regulation and 33 CFR Parts 320 and 325. If, however, the Regional Administrator advises the District Engineer that the proposed dumping will not comply with the Criteria, the District Engineer will proceed as follows.

(1) The District Engineer shall determine whether there is an economically feasible alternative method or site available other than the proposed ocean disposal site. If there are other feasible alternative methods or sites available, the District Engineer shall evaluate them in accordance with 33 CFR Parts 320, 322, 323, 325 and this regulation, as appropriate.

(2) If the District Engineer makes a determination that there is no economically feasible alternative method or site available, he shall so advise the Regional Administrator of his intent to issue the permit setting forth his reasons for such determination.

(d) *EPA objection.* If the Regional Administrator advises, within 15 days of the notice of the intent to issue, that he still objects to the issuance of the permit, the case will be forwarded to the Chief of Engineers, for further coordination with the Administrator, EPA, and decision. The report forwarding the case will contain, in addition to the analysis required by 33 CFR 325.11, an analysis of whether there are other economically feasible methods or sites available to dispose of the dredged material.

(e) *Chief of Engineers review.* The Chief of Engineers shall evaluate the permit application and make a decision to deny the permit or recommend its issuance. If the decision of the Chief of Engineers is that ocean dumping at the proposed disposal site is required because of the unavailability of economically feasible alternatives, he shall so certify and request that the Secretary of the Army seek a waiver from the Administrator, EPA, of the Criteria or of the critical site designation in accordance with 40 CFR 225.4.

APPENDIX A—DELEGATION OF AUTHORITY TO ISSUE OR DENY PERMITS FOR THE TRANSPORTATION OF DREDGED MATERIAL FOR THE PURPOSE OF DUMPING IT INTO OCEAN WATERS

MARCH 12, 1973.

Pursuant to the authority vested in me by Section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972, 86 Stat. 1052, Pub. L. 92-532, I hereby authorize the Chief of Engineers and his authorized representatives to issue or deny permits, after notice and opportunity for public hearings, for the transportation of dredged material for the purpose of dumping it in ocean waters. The Chief of Engineers and his authorized representatives shall, in exercising such authority, evaluate the impact of the proposed dumping on the public interest. No permit shall be issued unless a determination is made that the proposed dumping will not unreasonably degrade or endanger human health, welfare, or amenities, or the marine environment, ecological systems, or economic potentialities. In making this determination, those criteria for ocean dumping established by the Administrator of the Environmental Protection Agency pursuant to Section 102 (a) of the above Act which relate to the effects of the proposed dumping shall be applied. In addition, based upon an evaluation of the potential effect which a permit denial will have on navigation, economic and industrial development, and foreign and domestic commerce of the United States, the Chief of Engineers or his authorized representatives, in evaluating the permit appli-

cation, shall make an independent determination as to the need for the dumping, other possible methods of disposal, and appropriate locations for the dumping. In considering appropriate disposal sites, recommended sites designated by the Administrator of the Environmental Protection Agency pursuant to Section 102(c) of the above Act will be utilized to the extent feasible. Prior to issuing any permit, the Chief of Engineers or his authorized representatives shall first notify the Administrator of the Environmental Protection Agency or his authorized representative of his intention to do so. In any case in which the Administrator or his authorized representative disagrees with the determination of the Chief of Engineers or his authorized representative as to compliance with the criteria established pursuant to Section 102(a) of the above Act relating to the effects of the dumping or with the restrictions established pursuant to Section 102(c) of the above Act relating to critical areas, the determination of the Administrator or his authorized representative shall prevail. If, in any such case, the Chief of Engineers or his Director of Civil Works finds that, in the disposition of dredged material, there is no economically feasible method or site available other than a dumping site the utilization of which would result in non-compliance with such criteria or restrictions, he shall so certify and request that I seek a waiver from the Administrator of the Environmental Protection Agency of the specific requirements involved. Unless the Administrator of the Environmental Protection Agency grants a waiver, the Chief of Engineers or his authorized representatives shall not issue a permit which does not comply with such criteria and restrictions. The permits so granted may be made subject to such special conditions as the Chief of Engineers or his authorized representatives may consider necessary in order to effect the purposes of the above Act, other pertinent laws, and any applicable memoranda of understanding between the Secretary of the Army and the heads of other governmental agencies.

The Chief of Engineers and his authorized representative shall exercise the authority hereby delegated subject to such conditions as I or my authorized representative may from time to time impose.

KENNETH E. BELIEU,
Acting Secretary of the Army.

PART 325—PROCESSING OF DEPARTMENT OF THE ARMY PERMITS

- Sec.
- 325.1 Applications for permits.
- 325.2 Processing of applications.
- 325.3 Public notice.
- 325.4 Environmental impact statement.
- 325.5 Forms of authorization.
- 325.6 Duration of authorizations.
- 325.7 Modification, suspension, or revocation of authorizations.
- 325.8 Authority to issue or deny authorizations.
- 325.9 Supervision and enforcement.
- 325.10 Publicity.
- 325.11 Reports.
- Appendix A—Permit Form.
- Appendix B—Army/Interior Memorandum of Understanding.

AUTHORITY: 33 U.S.C. 401 et seq.; 33 U.S.C. 1344; 33 U.S.C. 1413.

§ 325.1 Applications for permits.

(a) *General.* The processing procedures of this regulation (Part 325) apply

to any form of Department of the Army permit. Special procedures and additional information are contained in Parts 320 through 324. This Part is arranged in the basic timing sequence used by the Corps of Engineers in processing Department of the Army permits.

(b) *Application form.* Any person proposing to undertake any activity requiring Department of the Army authorization as specified in 33 CFR 321-324 must apply for a permit to the District Engineer in charge of the District where the proposed activity is to be performed. Applications for permits must be prepared in accordance with instructions in Engineer Pamphlet 1145-2-1, "A Guide for Applicants," utilizing the prescribed application form (ENG Form 4345). The form and pamphlet may be obtained from the District Engineer having jurisdiction over the waterway in which the proposed activity will be located. Local variations of the application form for purposes of facilitating coordination with State and local agencies may be used.

(c) *Content of application.* (1) Generally, the application must include a complete description of the proposed activity including necessary drawings, sketches or plans; the location, purpose and intended use of the proposed activity; scheduling of the activity; the names and addresses of adjoining property owners; the location and dimensions of adjacent structures; and the approvals required by other Federal, interstate, State or local agencies for the work, including all approvals received or denials already made.

(2) If the activity involves dredging in waters of the United States, the application must include a description of the type, composition and quantity of the material to be dredged, the method of dredging, and the site and plans for disposal of the dredged material.

(3) If the activity includes the discharge of dredged or fill material in the waters of the United States or the transportation of dredged material for the purpose of dumping it in ocean waters, the application must include the source of the material; a description of the type, composition and quantity of the material; the method of transportation and disposal of the material; and the location of the disposal site. (See Part 324 for additional information requirements on ocean dumping applications.) Certification under Section 401 of the Federal Water Pollution Control Act is required for such discharges into waters of the United States.

(4) If the activity includes the construction of a fill or pile or float-supported platform, the project description must include the use and specific structures to be erected on the fill or platform.

(d) *Additional information.* In addition to the information indicated in subparagraph (c), above, the applicant will be required to furnish such additional information as the District Engineer may deem necessary to assist him in his evaluation of the application. Such additional information may include

environmental data and information on alternate methods and sites, as may be necessary for the preparation of the Environmental Assessment or Environmental Impact Statement (see § 325.4).

(e) *Signature of application.* The application must be signed by the person who desires to undertake the proposed activity; however, the application may be signed by a duly authorized agent if accompanied by a statement by that person designating the agent and agreeing to furnish, upon request, supplemental information in support of the application. In either case, the signature of the applicant will be understood to be an affirmation that he possesses the authority to undertake the activity proposed in his application, except where the lands are under the control of the Corps of Engineers, in which cases the District Engineer will coordinate the transfer of the real estate and the permit action. When the application is submitted by an agent, the application may include the activity of more than one owner provided the character of the activity of each owner is similar and in the same general area.

(f) *Fees.* Fees are required for permit applications under Section 404 of the Federal Water Pollution Control Act Amendments of 1972, Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, and Sections 9 and 10 of the River and Harbor Act of 1899. A fee of \$100.00 will be charged when the planned or ultimate purpose of the project is commercial or industrial in nature and is in support of operations that charge for the production, distribution or sale of goods or services. A \$10.00 fee will be charged for permit applications when the work is non-commercial in nature and provides personal benefits that have no connection with a commercial enterprise. The final decision as to basis for fee (commercial vs. non-commercial) shall be solely the responsibility of the District Engineer. No fee will be charged if the applicant withdraws his application at any time prior to issuance of the permit and/or if his application is denied. Collection of the fee will be deferred until the applicant is notified by the District Engineer that a public interest review has been completed and that the proposed activity has been determined to be in the public interest. Upon receipt of this notification the applicant will forward a check or money order to the District Engineer, made payable to the Treasurer of the United States. The permit will then be issued upon receipt of the application fee. Multiple fees are not to be charged if more than one law is applicable. Any modification significant enough to require a permit will also require a fee. No fee will be assessed when a permit is transferred from one property owner to another. No fees will be charged for time extensions or general permits. Agencies or instrumentalities of Federal, State or local governments will not be required to pay any fee in connection with the applications for permits. This fee structure will be reviewed from time to time.

§ 325.2 Processing of applications.

(a) *Standard procedures.* (1) When an application for a permit is received, the District Engineer shall immediately assign it a number for identification, acknowledge receipt thereof, and advise the applicant of the number assigned to it. He shall review the application for completeness, and obtain from the applicant any additional information he deems necessary for further processing.

(2) When all required information has been provided, the District Engineer will issue a public notice as described in § 325.3, below, unless specifically exempted by other provisions of this regulation.

(3) The District Engineer shall consider all comments received in response to the public notice (see § 325.3) in his subsequent actions on the permit application. Receipt of the comments will be acknowledged and they will be made a part of the official file on the application. Comments received as form letters or petitions may be acknowledged as a group to the person or organization responsible for the form letter or petition. If comments relate to matters within the special expertise of another Federal agency, the District Engineer may seek the advice of that agency. The applicant must be given the opportunity to furnish the District Engineer his proposed resolution or rebuttal to all objections from Government agencies and other substantive adverse comments before final decision will be made on the application.

(4) The District Engineer shall prepare an Environmental Assessment on all applications. The Environmental Assessment shall be dated, signed, and placed in the record and shall include the expected environmental impacts of the proposal. Where the District Engineer has delegated authority to sign permits for and in his behalf, he may similarly delegate the signing of the Environmental Assessment. In those cases requiring an Environmental Impact Statement (EIS), the draft EIS may serve as the Environmental Assessment. Where an EIS is not prepared, the Environmental Assessment will include a statement that the decision on the application is not a major Federal action significantly affecting the quality of the human environment.

(5) The District Engineer shall also evaluate the proposed application to determine the need for a public hearing pursuant to 33 CFR Part 327.

(6) After all above actions have been completed, the District Engineer will determine in accordance with the record and applicable regulations whether or not the permit should be issued. He shall prepare a Findings of Fact on all applications to support his determination. The Findings of Fact shall include the District Engineer's views on the probable effect of the proposed work on the public interest including conformity with the guidelines published for the discharge of dredged or fill material in waters of the United States (40 CFR Part 230) or with the criteria for dumping of dredged material in ocean waters (40 CFR Parts 220 to 229), if applicable, and the con-

clusions of the District Engineer. The Findings of Fact shall be dated, signed, and included in the record prior to final action on the application. Where the District Engineer has delegated authority to sign permits for and in his behalf, he may similarly delegate the signing of the Findings of Fact. If a permit is warranted, the District Engineer will determine the conditions and duration which should be incorporated into the permit. In accordance with the authorities specified in § 325.8, the District Engineer will take final action or forward the application with all pertinent comments, records, and studies, including the final Environmental Impact Statement, if prepared, through channels to the official authorized to make the final decision. The report forwarding the application for decision will be in the format prescribed in § 325.11. Notice that the application has been forwarded to higher headquarters will be furnished the applicant and to any Federal agency expressing an interest in the application. Such notice shall not divulge the District Engineer's recommendations. In those cases where the application is forwarded for decision in the format prescribed in § 325.11, the report will serve as the Findings of Fact.

(7) If the final decision is to deny the permit, the applicant will be advised in writing of the reason for denial. If the final decision is to issue the permit, the issuing official will forward two copies of the draft permit to the applicant for signature accepting the conditions of the permit. The applicant will return both signed copies to the issuing official who then signs and dates the permit. The permit is not valid until signed by the issuing official. Final action on the permit application is the signature on the letter notifying the applicant of the denial of his application or signature of the issuing official on the authorizing document.

(8) The District Engineer will publish monthly a list of permits issued or denied during the previous month. The list will identify each action by public notice number, name of applicant, and brief description of activity involved. This list will be distributed to all persons who received any of the public notices listed.

(9) If the applicant fails to respond within 45 days to any request or inquiry of the District Engineer, the District Engineer may advise the applicant by certified letter that his application will be considered as having been withdrawn unless the applicant responds thereto within thirty days of the date of the letter.

(b) *Procedures for particular types of permit situations.* (1) If the District Engineer determines that water quality certification for the proposed activity is necessary under the provisions of the Federal Water Pollution Control Act, he shall so notify the applicant and obtain from him either the appropriate certification or a copy of his application, for such certification. The District Engineer may issue the public notice of the application jointly with the certifying agency if arrangements for such joint notices

have been approved by the Division Engineer. When the activity may affect the waters of another State, a copy of the certification will be forwarded to the Regional Administrator of EPA who shall determine if the proposed activity may affect the quality of the waters of any State or States other than the State in which the work is to be performed. If he needs supplemental information in order to make this determination, the Regional Administrator may request it from the District Engineer who shall obtain it from the applicant and forward it to the Regional Administrator. The Regional Administrator shall, within thirty days of receipt of the application, certification and supplemental information, notify the affected State, the District Engineer, and the applicant in the event such a second State may be affected. The second State then has sixty days to advise the District Engineer that it objects to the issuance of the permit on the basis of the effect on the quality of its waters and to request a hearing. No authorization will be granted until required certification has been obtained or has been waived. Waiver is deemed to occur if the certifying agency fails or refuses to act on a request for certification within a reasonable period of time after receipt of such request. The request for certification must be made in accordance with the regulations of the certifying agency. In determining whether or not a waiver period has commenced, the District Engineer will verify that the certifying agency has received a valid request for certification. Three months shall generally be considered to be a reasonable period of time. If, however, special circumstances identified by the District Engineer require that action on an application be taken within a more limited period of time, the District Engineer shall determine a reasonable lesser period of time, advise the certifying agency of the need for action by a particular date and that, if certification is not received by that date, it will be considered that the requirement for certification has been waived. Similarly if it appears that circumstances may reasonably require a period of time longer than three months, the District Engineer may afford the certifying agency up to one year to provide the required certification before determining that a waiver has occurred. District Engineers shall check with the certifying agency at the end of the allotted period of time before determining that a waiver has occurred.

(2) If the proposed activity is to be undertaken in a State operating under a coastal zone management program approved by the Secretary of Commerce pursuant to the Coastal Zone Management Act (see 33 CFR 320.3(b)), the District Engineer shall proceed as follows:

(1) If the applicant is a Federal agency, and the application involves a Federal activity in or affecting the coastal zone or a Federal development project in the coastal zone, the District Engineer shall forward a copy of the public notice to

the agency of the State responsible for reviewing the consistency of Federal activities. The Federal agency applicant shall be responsible for complying with the Coastal Zone Management Act's directives for ensuring that Federal agency activities are undertaken in a manner which is consistent, to the maximum extent practicable, with approved coastal zone management programs. (See 15 CFR Part 930.) If the State coastal zone agency objects to the proposed Federal activity on the basis of its inconsistency with the State's approved coastal zone management program, the District Engineer shall not make a final decision on the application until the disagreeing parties have had an opportunity to utilize the procedures specified by the Coastal Zone Management Act for resolving such disagreements.

(ii) If the applicant is not a Federal agency and the application involves an activity affecting the coastal zone, the District Engineer shall obtain from the applicant a certification that his proposed activity complies with and will be conducted in a manner that is consistent with the approved State coastal zone management program. Upon receipt of the certification, the District Engineer will forward a copy of the public notice (which will include the applicant's certification statement) to the State coastal zone agency and request its concurrence or objection. The District Engineer can issue the public notice of the application jointly with the State agency if arrangements for such joint notices have been approved by the Division Engineer. If the State agency objects to the certification or issues a decision indicating that the proposed activity requires further review, the District Engineer shall not issue the permit until the State concurs with the certification statement or the Secretary of Commerce determines that the proposed activity is consistent with the purposes of the Coastal Zone Management Act or is necessary in the interest of national security. If the State agency fails to concur or object to a certification statement within six months of the State agency's receipt of the certification statement, State agency concurrence with the certification statement shall be conclusively presumed.

(3) If the proposed activity involves any property listed or eligible for listing in the National Register of Historic Places (which is published in its entirety in the FEDERAL REGISTER annually in February with addenda published each month), the District Engineer will proceed in accordance with 33 CFR Part 305.

(4) If the proposed activity consists of the dredging of an access channel and/or berthing facility associated with an authorized Federal navigation project, the activity will be included in the planning and coordination of the construction or maintenance of the Federal project to the maximum extent feasible. Separate notice, hearing, and En-

vironmental Impact Statement will not be required for activities so included and coordinated; and the public notice issued by the District Engineer for these Federal and associated non-Federal activities will be the notice of intent to issue permits for those included non-Federal dredging activities. The decision whether to issue or deny such a permit will be consistent with the decision on the Federal project unless special considerations applicable to the proposed activity are identified. (See § 322.5(a).)

(5) Copies of permits will be furnished to other agencies in appropriate cases as follows:

(i) If the activity involves the construction of structures or artificial islands on the outer continental shelf, to the Director, Defense Mapping Agency, Hydrographic Center, Washington, D.C. 20390; Attention, Code N512 and to the Director, National Ocean Survey, NOAA, Department of Commerce, Rockville, Maryland 20852.

(ii) If the activity involves the construction of structures to enhance fish propagation (fish havens) along the coasts of the United States, to Defense Mapping Agency, Hydrographic Center and National Ocean Survey as in (i), above, and to the Director, Office of Marine Recreational Fisheries, National Marine Fisheries Service, Washington, D.C. 20235.

(iii) If the activity involves the erection of an aerial transmission line across a navigable water of the United States, to the Director, National Ocean Survey, NOAA, Department of Commerce, Rockville, Maryland 20852, reference C322.

(iv) If the activity is listed in subparagraphs (i), (ii), or (iii), above, or involves the transportation of dredged material for the purpose of dumping it in ocean waters, to the appropriate District Commander, U.S. Coast Guard.

(c) *Emergency procedures.* An "emergency" is a situation which would result in an unacceptable hazard to life or severe loss of property if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process the application under required procedures. In such cases the District Engineer will explain the circumstance and recommend special procedures in writing to the Chief of Engineers, ATTN: DAEN-CWO-N. The Chief of Engineers, upon consultation with the Secretary of the Army or his authorized representative, will instruct the District Engineer as to further processing of the application.

(d) *Timing of processing of applications.* In view of the extensive coordination with other agencies and the public and the study of all aspects of proposed activities required by the above procedures, applicants must allow adequate time for the processing of their applications. The District Engineer will be guided by the following time limits for the indicated steps in processing permit applications:

(1) Public notice should be issued within fifteen days of receipt of all required information from the applicant,

unless joint notice with State agencies is to be used.

(2) The receipt of comments as a result of the public notice should not extend beyond thirty days from the date of the notice. However, if unusual circumstances warrant, the District Engineer may extend the comment period up to a maximum of seventy-five days.

(3) The District Engineer should either send notice of denial to the applicant, or issue the draft permit to the applicant for acceptance and signature, or forward the application to higher headquarters within thirty days of one of the following whichever is latest: Closing of the public notice comment period with no objections received; receipt of notice of withdrawal of objections; completion of coordination following receipt of applicant's rebuttal of objections; closing of the record of a public hearing; or expiration of the waiting period following the filing of the final Environmental Impact Statement with CEQ.

§ 325.3 Public notice.

(a) *General.* The Public notice is the primary method of advising all interested parties of the proposed activity for which a permit is sought and of soliciting comments and information necessary to evaluate the probable impact on the public interest. The notice must, therefore, include sufficient information to give a clear understanding of the nature of the activity to generate meaningful comments. The notice should include the following items of information:

(1) Applicable statutory authority or authorities;

(2) The name and address of the applicant;

(3) The location of the proposed activity;

(4) A brief description of the proposed activity, its purpose and intended use, including a description of the type of structures, if any, to be erected on fills, or pile or float-supported platforms, and a description of the type, composition and quantity of materials to be discharged or dumped and means of conveyance. See also 33 CFR 324 for additional information required on ocean dumping public notices;

(5) A plan and elevation drawing showing the general and specific site location and character of all proposed activities, including the size relationship of the proposed structures to the size of the impacted waterway and depth of water in the area;

(6) If the proposed activity would occur in the territorial seas or ocean waters, a description of the activity's relationship to the baseline from which the territorial sea is measured;

(7) A list of other government authorizations obtained or requested, including required certifications relative to water quality, coastal zone management, or marine sanctuaries;

(8) A statement concerning a preliminary determination of the need for and/or availability of an Environmental Impact Statement;

(9) Any other available information which may assist interested parties in evaluating the likely impact of the proposed activity, if any, on factors affecting the public interest, including environmental values; and

(10) A reasonable period of time, normally thirty days but not less than fifteen days from date of mailing, within which interested parties may express their views concerning the permit application.

(b) *Evaluation factors.* A paragraph describing the various factors on which decisions are based during evaluation of a permit application shall be included in every public notice.

(1) Except as provided in paragraph (b) (4) below, the following will be included:

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

(2) If the activity involves the discharge of dredged or fill material into the waters of the United States or the transportation of dredged material for the purpose of dumping it in ocean waters, the public notice shall also indicate that the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Federal Water Pollution Control Act (40 CFR Part 230) or of the criteria established under authority of Section 102(a) of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (40 CFR Parts 220 to 228), as appropriate. See also 33 CFR Part 324.

(3) If the activity includes the discharge of dredged or fill material in the waters of the United States or the transportation of dredged material for the purpose of dumping it in ocean waters, the following statement will also be included in the public notice:

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

(4) In cases involving construction of fixed structures or artificial islands on Outer Continental Shelf lands which are under mineral lease from the Department of the Interior, the notice will contain the following statement: "The decision as to whether a permit will be issued will be based on an evaluation of the impact of the proposed work on navigation and national security."

(c) *Distribution of public notices.* (1) Public notices will be distributed for posting in post offices or other appropriate public places in the vicinity of the site of the proposed work and will be sent to the applicant, to appropriate city and county officials, to adjoining property owners, to appropriate State agencies, to concerned Federal agencies, to local, regional and national shipping and other concerned business and conservation organizations, to appropriate River Basin Commissions, and to any other interested party. If in the judgment of the District Engineer the proposal may result in substantial public interest, the public notice (without drawings) may be published for five consecutive days in the local newspaper, and the applicant shall reimburse the District Engineer for the costs of publication. Copies of public notices will be sent to all parties who have specifically requested copies of public notices, to the U.S. Senators and Representatives for the area where the work is to be performed, the Field Representative of the Secretary of the Interior, the Regional Director of the Fish and Wildlife Service, the Regional Director of the National Park Service, the Regional Administrator of the Environmental Protection Agency (EPA), the Regional Director of the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration (NOAA), the head of the State agency responsible for fish and wildlife resources, and the District Commander, U.S. Coast Guard.

(2) In addition to the general distribution of public notices cited above, notices will be sent to other addresses in appropriate cases as follows:

(i) If the activity involves structures or dredging along the shores of the sea or Great Lakes, to the Coastal Engineering Research Center, Washington, D.C. 20016.

(ii) If the activity involves construction of fixed structures or artificial islands on the Outer Continental Shelf or in the territorial seas, to the Deputy Assistant Secretary of Defense (Installations and Housing), Washington, D.C. 20310; the Director, Defense Mapping Agency, Hydrographic Center, Washington, D.C. 20390, Attention, Code N512; and the Director, National Ocean Survey, NOAA, Department of Commerce, Rockville, Maryland 20852.

(iii) If the activity involves the construction of structures to enhance fish propagation along the Atlantic, Pacific, and Gulf coasts, to the Director, Office of Marine Recreational Fisheries, National Marine Fisheries Service, Washington, D.C. 20235.

(iv) If the activity involves the construction of structures which may affect aircraft operations or for purposes associated with seaplane operations, to the Regional Director of the Federal Aviation Administration.

(v) If the activity is in connection with a foreign-trade zone, to the Executive Secretary, Foreign-Trade Zones Board, Department of Commerce, Washington, D.C. 20230 and to the appropriate Dis-

trict Director of Customs as Resident Representative, Foreign-Trade Zones Board.

(3) It is presumed that all interested parties and agencies will wish to respond to public notices; therefore, a lack of response will be interpreted as meaning that there is no objection to the application. A copy of the public notice with the list of the addressees to whom the notice was sent will be included in the record. If a question develops with respect to an activity for which another agency has responsibility and that other agency has not responded to the public notice, the District Engineer may request their comments. Whenever a response to a public notice has been received from a member of Congress, either in behalf of a constituent or himself, the District Engineer will inform the member of Congress of the final decision.

(d) *General permit notices (RCS: DAEN-CWO-52).* For purposes of performing a nationwide analysis of the effectiveness of the general permit program, Division offices will submit "Public Notices on General Permits" reports (RCS: DAEN-CWO-52) by COB on the 15th day, following the end of each quarter, to HQDA (DAEN-CWO-N) Washington, D.C. 20314. Said reports will be in the form of a letter listing the public notices published during the previous month to announce proposals or to finalize issuances of general permits; copies of the public notices are to be made inclosures to the reports. Negative reports will be submitted if no general permit actions have taken place in the Division during the reporting period.

§ 325.4 Environmental impact statements.

(a) *General.* Section 102(2) (c) of the National Environmental Policy Act of 1969 (NEPA) requires all Federal agencies, with respect to major Federal actions significantly affecting the quality of the human environment, to submit to the President's Council on Environmental Quality a detailed statement on:

(1) The environmental impact of the proposed actions.

(2) Any adverse environmental effects which cannot be avoided should the proposal be implemented.

(3) Alternatives to the proposed action.

(4) The relationship between local short-term uses of man's environment and the maintenance and enhancement of long-term productivity.

(5) Any irreversible and irretrievable commitments of resources which would be involved in the proposed action should it be implemented. The District Engineer must determine whether such an Environmental Impact Statement (EIS) is required in connection with each permit application.

(b) *EIS procedures.* In addition to the procedures required by 33 CFR 209.410 (ER 1105-2-507), the following special procedures apply to the processing of permits involving the preparation of an EIS.

(1) The District Engineer, at the earliest practicable time prior to the is-

suance of the public notice, shall make a preliminary assessment of impacts of the project should it be approved and make a preliminary determination as to whether the quality of the human environment would be significantly affected. This preliminary assessment will normally be based on experience with similar type activities performed in the past. A statement of the District Engineer's preliminary determination shall be included in the public notice. This preliminary determination will be reconsidered as additional information is developed.

(2) If the District Engineer's final determination after consideration of all additional information developed (including responses to the public notice) is that the proposed work will not significantly affect the quality of the human environment, the District Engineer's determination shall be documented, dated, and placed in the record as his Environmental Assessment (see § 325.2(a)(4)).

(3) At such time as the District Engineer believes that a permit may be warranted but that the proposed activity would significantly affect the quality of the human environment, he will require the applicant to furnish any additional information that the District Engineer considers necessary to allow his preparation of an EIS. The applicant should also be advised at this time that there is no assurance that favorable action will ultimately be taken on his application. Additionally, if the District Engineer has previously announced a preliminary determination that no EIS would be required, he shall issue a supplemental public notice to advise the public of the changed determination. If the applicant is unable to furnish certain information considered by the District Engineer to be necessary for the EIS, the District Engineer may, after obtaining written approval from the Division Engineer, charge the applicant pursuant to 31 U.S.C. 483(a) for those extraordinary expenses incurred by the Government in developing the information. All money so collected shall be paid into the Treasury of the United States as miscellaneous receipts. Otherwise the costs of the preparation and distribution of the EIS itself shall be borne by the Federal Government. In those cases when the determination has been made that an EIS will be required, the District Engineer shall consider inviting public comments as to specific factors of concern which should be addressed in the draft EIS. Upon preparation of the draft EIS, a public notice shall be issued summarizing the facts of the case and announcing the availability of the draft EIS. A copy of that notice shall be furnished to all recipients of the draft EIS including CEQ. If a public hearing is to be held pursuant to § 325.2(a)(5), the hearing may be held anytime after completion of the draft EIS.

(4) If another agency is the lead agency as defined by the CEQ guidelines (40 CFR 1500.7(b)) the District Engineer will coordinate with that agency to in-

sure that the resulting EIS adequately describes the impact of the activity which is subject to Corps permit authority. That previously prepared EIS will be referenced in the public notice announcing the permit application and a statement included that the effects of the proposed activity on the environment as outlined therein will be carefully considered in the evaluation of the permit application.

(c) *Public notice on EIS filing.* The 30-day wait period required by the National Environmental Policy Act for issuing a permit for which an EIS has been prepared begins with notation in the Federal Register that the FEIS has been filed with CEQ or on the date of delivery to U.S. Postal Service facilities for mailing of copies of the FEIS to agencies, groups, and individuals on the project mailing list, whichever date is later. In order to notify the interested public of their opportunity to comment on the FEIS, the District Engineer shall issue a public notice when the filing notation has been published in the Federal Register to all parties receiving the original application notice or draft EIS and to all others who have expressed an interest in the application. The public notice should include:

(1) A brief summary of application (applicant, work, date of public notice, date of draft EIS release, date of public hearing, if held);

(2) Opportunity to comment to the District Engineer on the FEIS until the deadline date projected by the 30-day wait period;

(3) A statement that the comments received on the FEIS will be evaluated and considered in arriving at the final decision on the application; and

(4) Information on how interested parties can obtain or have access to the FEIS.

§ 325.5 Forms of authorization.

(a) *General.* (1) Department of the Army authorizations under this regulation shall be in the form of an individual permit, general permit, or letter of permission, as appropriate. The basic format shall be ENG Form 1721, Department of the Army Permit (Appendix A).

(2) While the general conditions included in ENG Form 1721 are normally applicable to all permits, some may not apply to certain authorizations (e.g., after-the-fact situations where work is completed, or situations in which the permittee is a Federal agency) and may be deleted by the issuing officer. Special conditions applicable to the specific activity will be included in the permit as necessary to protect the public interest.

(b) *Letters of permission.* In those cases subject to Section 10 of the River and Harbor Act of 1899 in which, in the opinion of the District Engineer, the proposed work is minor, will not have significant impact on environmental values, and should encounter no opposition, the District Engineer may omit the publishing of a public notice and authorize the work by a letter of permission. However,

he will coordinate the proposal with all concerned fish and wildlife agencies, Federal and State, as required by the Fish and Wildlife Coordination Act. The letter of permission will not be used to authorize the discharge of dredged or fill material into waters of the United States nor the transportation of dredged material for purposes of dumping it in ocean waters. The letter of permission will be in letter form and will identify the permittee, the authorized work and location of the work, the statutory authority (i.e., 33 U.S.C. 403), any limitations on the work, a construction time limit and a requirement for a report of completed work. A copy of the general conditions from ENG Form 1721 will be attached and will be incorporated by reference into the letter of permission.

(c) *General permits.* The District Engineer may, after compliance with the other procedures of this regulation, issue general permits for certain clearly described categories of structures or work, including discharges of dredged or fill material, requiring Department of the Army permits. After a general permit has been issued, individual activities falling within those categories that are authorized by such general permits do not have to be further authorized by the procedures of this regulation unless the District Engineer determines, on a case-by-case basis, that the public interest requires.

(d) *Section 9 permits.* Permits for structures under Section 9 of the River and Harbor Act of 1899 will be drafted during review procedures at Department of the Army level.

(e) *Nationwide permits.* Nationwide permits mean Department of the Army authorizations that have been issued by the regulations for certain specified activities nationwide. If certain conditions are met, the specified activities can take place without the need for an individual or general permit.

§ 325.6 Duration of authorizations.

(a) *General.* Department of the Army authorization may authorize both the work and the resulting use. Authorizations continue in effect until they automatically expire or are modified, suspended, or revoked.

(b) *Structures.* Authorizations for the existence of a structure or other activity of a permanent nature are usually for an indefinite duration with no expiration date cited. However, where a temporary structure is authorized, or where restoration of a waterway is contemplated, the authorization will be of limited duration with a definite expiration date. Except as provided in subparagraph (c), below, permits for the discharge of dredged material in the waters of the United States or for the transportation of dredged material for the purpose of dumping it in ocean waters will be of limited duration with a definite expiration date.

(c) *Works.* Authorizations for construction work or other activity will specify time limits for accomplishing the work or activity. The time limits will specify a date by which the work must be started, normally one year from the date

of issuance, and a date by which the work must be completed. The dates will be established by the issuing official and will provide reasonable times based on the scope and nature of the work involved. An authorization for work or other activity will automatically expire if the permittee fails to request an extension or revalidation.

(d) *Extensions of time.* Extensions of time may be granted by the District Engineer for authorizations of limited duration, or for the time limitations imposed for starting or completing the work or activity. The permittee must request the extension and explain the basis of the request, which will be granted only if the District Engineer determines that an extension is in the general public interest. Requests for extensions will be processed in accordance with the regular procedures of § 325.2, including issuance of a public notice, except that such processing is not required where the District Engineer determines that there have been no significant changes in the attendant circumstances since the authorization was issued and that the work is proceeding essentially in accordance with the approved plans and conditions.

(e) *Periodic maintenance.* If the authorized work includes periodic maintenance dredging, an expiration date for the authorization of that maintenance dredging will be included in the permit. The expiration date, which in no event is to exceed ten years from the date of issuance of the permit, will be established by the issuing official after his evaluation of the proposed method of dredging and disposal of the dredged material in accordance with the requirements of 33 CFR Parts 320 to 325. In such cases, the District Engineer shall require notification of the maintenance dredging prior to actual performance to insure continued compliance with the requirements of the regulation and 33 CFR Parts 320-324. If the permittee desires to continue maintenance dredging beyond the expiration date, he must request a revalidation of that portion of his permit which authorized the maintenance dredging. The request must be made to the District Engineer six months prior to the expiration date, and include full description of the proposed methods of dredging and disposal of dredged materials. The District Engineer will process the request for revalidation in accordance with the standard procedures including the issuance of a public notice describing the authorized work to be maintained and the proposed methods of maintenance.

§ 325.7 Modification, suspension or revocation of authorizations.

(a) *General.* The District Engineer may reevaluate the circumstance and conditions of a permit either on his own motion or as the result of periodic progress inspection, and initiate action to modify, suspend, or revoke a permit as may be made necessary by considerations of the general public interest. Among the factors to be considered are the extent of the permittee's compliance with the terms and conditions of the permit;

whether or not circumstances relating to the activity authorized have changed since the permit was issued, extended or revalidated, and the continuing adequacy of the permit conditions; any significant objections to the activity authorized by the permit which were not earlier considered; revisions to applicable statutory and/or regulatory authorities; and the extent to which modification, suspension, or other action would adversely affect plans, investments and actions the permittee has reasonably made or taken in reliance on the permit. Significant increases in scope of a permitted activity will be processed as new applications for permits in accordance with Sec. 325.2, and not as modifications under this paragraph.

(b) *Modification.* The District Engineer, as a result of reevaluation of the circumstances and conditions of a permit, may determine that protection of the general public interest requires a modification of the terms or conditions of the permit. In such cases, the District Engineer will hold informal consultations with the permittee to ascertain whether the terms and conditions can be modified by mutual agreement. If a mutual agreement is reached on modification of the terms and conditions of the permit, the District Engineer will give the permittee written notice of the modification, which will then become effective on such date as the District Engineer may establish, which in no event shall be less than ten days from its date of issuance. In the event a mutual agreement cannot be reached by the District Engineer and the permittee, the District Engineer will proceed in accordance with subparagraph (c), below, if immediate suspension is warranted. In cases where immediate suspension is not warranted but the District Engineer determines that the permit should be modified, he will notify the permittee of the proposed modification and reasons therefor, and that he may request a hearing. The modification will become effective on the date set by the District Engineer which shall be at least ten days after receipt of the notice unless a hearing is requested within that period. If the permittee fails or refuses to comply with the modification, the District Engineer will proceed in accordance with 33 CFR Part 326.

(c) *Suspension.* The District Engineer may suspend a permit after preparing a written determination and finding that immediate suspension would be in the general public interest. The District Engineer will notify the permittee in writing by the most expeditious means available that the permit has been suspended with the reasons therefor, and order the permittee to stop all previously authorized activities. The permittee will also be advised that following this suspension a decision will be made to either reinstate, modify, or revoke the permit, and that he may request a hearing within 10 days of receipt of notice of the suspension to present information in this matter. If a hearing is requested the procedures prescribed in 33 CFR 327 will be followed. After the completion of the

hearing (or within a reasonable period of time after issuance of the notice to the permittee that the permit has been suspended if no hearing is requested), the District Engineer will take action to reinstate the permit, modify the permit, or recommend revocation of the permit in accordance with subparagraph (d), below.

(d) *Revocation.* Following completion of the suspension procedures in subparagraph (c), above, if revocation of the permit is recommended, the District Engineer will prepare a report of the circumstances and forward it together with the record of the suspension proceedings to DAEN-CWO-N. The Chief of Engineers may, prior to deciding whether or not to revoke the permit, afford the permittee the opportunity to present any additional information not made available to the District Engineer at the time he made the recommendation to revoke the permit including, where appropriate, the means by which he intends to comply with the terms and conditions of the permit. The permittee will be advised in writing of the final decision.

§ 325.8 Authority to issue or deny authorizations.

(a) *General.* Except as otherwise provided in this regulation, the Secretary of the Army subject to such conditions as he or his authorized representative may from time to time impose, has authorized the Chief of Engineers and his authorized representatives to issue or deny authorizations for construction or other work in or affecting navigable waters of the United States pursuant to Sections 10 and 14 of the Act of March 3, 1899, and Section 1 of the Act of June 13, 1902. He also has authorized the Chief of Engineers and his authorized representatives to issue or deny authorizations for the discharge of dredged or fill material in waters of the United States pursuant to Section 404 of the Federal Water Pollution Control Act Amendments of 1972 or for the transportation of dredged material for the purpose of dumping it into ocean waters pursuant to Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. The authority to issue or deny permits pursuant to Section 9 of the River and Harbor Act of March 3, 1899 has not been delegated to the Chief of Engineers or his authorized representatives.

(b) *District Engineer's authority.* District Engineers are authorized to issue in accordance with this regulation permits and letters of permission which are subject to such special conditions as are necessary to protect the public interest in the waters of the United States or ocean waters pursuant to Sections 10 and 14 of the River and Harbor Act of March 3, 1899; Section 1 of the River and Harbor Act of June 13, 1902; Section 404 of the Federal Water Pollution Control Act Amendments of 1972; and Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended, in all cases in which there are no known substantive objections to the proposed work or activity or in which objections

have been resolved to the satisfaction of the District Engineer. Unless otherwise precluded by this regulation, District Engineers may issue permits over an unresolved objection of another Federal agency if that agency indicates to the District Engineer that it does not desire to refer the application to a higher level of authority for review. It is essential to the legality of a permit that it contain the name of the District Engineer as the issuing officer. However, the permit need not be signed by the District Engineer, in person; but may be signed for and in behalf of him by whoever he designates. District Engineers shall deny permits when required State or local authorization and/or certification has been denied or when a State has objected to a required certification of compliance with its coastal zone management program and the Secretary of Commerce has not reviewed the action and reached a contrary finding. A District Engineer may also deny any permit if he determines that the proposed activity is not in the public interest provided the referral requirements of § 325.8(d) below are not applicable. In such cases the Findings of Fact should be in the general format required for reports under Sec. 325.11 and must conclusively justify a denial decision. All other permit applications including those cases in § 325.7 (c) and (d) below will be referred to Division Engineers. District Engineers are also authorized to add, modify, or delete special conditions in permits, except for those conditions which have been imposed by higher authority, and to suspend permits according to the procedures of § 325.7(c):

(c) *Division Engineer's authority.* Division Engineers will review, attempt to resolve outstanding matters, and evaluate all permit applications referred by District Engineers. Division Engineers may authorize the issuance or denial of permits pursuant to Sections 10 and 14 of the River and Harbor Act of March 3, 1899; Section 1 of the River Harbor Act of June 13, 1902, Section 404 of the Federal Water Pollution Control Act Amendments of 1972; and Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended; and the inclusion of conditions to those permits as may be necessary to protect the public interest in waters of the United States or ocean waters in accordance with the policies cited in this regulation. Except as provided in subparagraph (d), below, if the Division Engineer determines that issuance of a permit with or without conditions is in the public interest, but there is continuing objection to the issuance of the permit by another Federal agency, he shall advise the regional representative of that Federal agency of his intent to issue the permit. The Division Engineer shall not proceed with the issuance of a permit if, within 15 days after the date of this notice of intent to issue a permit, an authorized representative of that Federal agency indicates to the Division Engineer in writing that he wishes to bring his concerns to the Departmental level and

has Departmental concurrence to do so. In such cases, the proposed permit will be forwarded to higher authority for resolution. Thereafter, a permit will be issued only pursuant to and in accordance with instructions from such higher authority. Every effort should be made to resolve differences at the Division Engineer level before referring the matter to higher authority.

(d) *Referral to the Chief of Engineers.* Division Engineers will refer to the Chief of Engineers the following cases:

(1) When it is proposed to issue a permit and there are unresolved objections from another Federal agency which must be handled under special procedures specified in statutes or Memoranda of Understanding which thereby preclude final resolution by the Division Engineer;

(2) When the recommended decision is contrary to the stated position of the Governor of the State in which the work is to be performed;

(3) When there is substantial doubt as to authority, law, regulations, or policies applicable to the proposed activity;

(4) When the Chief of Engineers requests the case be forwarded for decision;

(5) When the proposed activity would affect the baseline used for determination of the limits of the territorial sea; and

(6) When Section 9 of the River and Harbor Act of 1899 authority is involved.

§ 325.9 Supervision and enforcement.

(a) *Inspection and monitoring.* District Engineers will assure that authorized activities are conducted and executed in conformance with approved plans and other conditions of the permits. Appropriate inspections should be made on timely occasions during performance of the activity and appropriate notices and instructions given permittees to insure that they do not depart from the approved plans. Reevaluation of permits to assure compliance with its purposes and conditions will be carried out as provided in § 325.7. If there are approved material departures from the authorized plans, the District Engineer will require the permittee to furnish corrected plans showing the activity as actually performed.

(b) *Non-compliance.* Where the District Engineer determines that there has been non-compliance with the terms or conditions of a permit, he should first contact the permittee and attempt to resolve the problem. If a mutually agreeable resolution cannot be reached, a written demand for compliance will be made. If the permittee has not agreed to comply within 5 days of receipt of the demand, the District Engineer will issue an immediately effective notice of suspension in accordance with § 325.7(c) and consider initiation of appropriate legal action.

(c) *Surveillance.* For purposes of inspection of permitted activities and for surveillance of the waters of the United States for enforcement of the permit authorities the District Engineer will use all means at his disposal. All Corps of

Engineers employees will be instructed to observe and report all activities in waters of the United States which would require permits. The assistance of members of the public and personnel of other interested Federal, State and local agencies to observe and report such activities will be encouraged. To facilitate this surveillance, the District Engineer will, in appropriate cases, require a copy of ENG Form 4336 to be posted conspicuously at the site of authorized activities and will make available to all interested persons information on the scope of authorized activities and the conditions prescribed in the authorizations. Furthermore, significant actions taken under § 325.7 will be brought to the attention of those Federal, State and local agencies and other persons who express particular interest in the affected activity. Surveillance in ocean waters will be accomplished primarily by the Coast Guard pursuant to section 107(c) of the Marine Protection, Research and Sanctuaries Act of 1972, as amended.

(d) *Inspection expenses.* The expenses incurred in connection with the inspection of permitted activity in waters of the United States normally will be paid by the Federal Government in accordance with the provisions of section 6 of the River and Harbor Act of 3 March 1905 (33 U.S.C. 417) unless daily supervision or other unusual expenses are involved. In such unusual cases, and after approval by the Division Engineer, the permittee will be required to bear the expense of inspections in accordance with the conditions of his permit; however, the permittee will not be required or permitted to pay the United States inspector either directly or through the District Engineer. The inspector will be paid on regular payrolls or service vouchers. The District Engineer will collect the cost from the permittee in accordance with the following:

(1) At the end of each month the amount chargeable for the cost of inspection pertaining to the permit will be collected from the permittee and will be taken up on the statement of accountability and deposited in a designated depository to the credit of the Treasurer of the United States, on account of reimbursement of the appropriation from which the expenses of the inspection were paid.

(2) If the District Engineer considers such a procedure necessary to insure the United States against loss through possible failure of the permittee to supply the necessary funds in accordance with subparagraph (1), above, he may require the permittee to keep on deposit with the District Engineer at all times an amount equal to the estimated cost of inspection and supervision for the ensuing month, such deposit preferably being in the form of a certified check, payable to the order of Treasurer of the United States. Certified checks so deposited will be carried in a special deposit account (guaranty for inspection expenses) and upon completion of the work under the permit the funds will be returned to the permittee provided he has paid the actual cost of inspection.

(3) On completion of work under a permit, and the payment of expenses by the permittee without protest, the account will be closed, and outstanding deposits returned to the permittee. If the account is protested by the permittee, it will be referred to the Division Engineer for approval before it is closed and before any deposits are returned to the permittee.

(e) **Bonds.** If the permitted activity includes restoration of the waterway to its original condition, or if the issuing official has reason to consider that the permittee might be prevented from completing work which is necessary to protect the public interest in the waterway, he may require the permittee to post a bond of sufficient amount to indemnify the government against any loss as a result of corrective action it might take.

§ 325.10 Publicity.

The District Engineer will establish and maintain a program to assure that potential applicants for permits are informed of the requirements of this regulation and of the steps required to obtain permits for activities in navigable waters or ocean waters. Whenever the District Engineer becomes aware of plans being developed by either private or public entities who might require permits in order to implement the plans, he will advise the potential applicant in writing of the statutory requirements and the provisions of this regulation. Similarly when the District Engineer is aware of changes in Corps of Engineers regulatory jurisdiction, he will issue appropriate public notices.

§ 325.11 Reports.

The report of a District Engineer on an application for a permit requiring action by the Division Engineer or by the Chief of Engineers will be in a letter form with the application and all pertinent comments, records, photographs, maps, and studies including the final Environmental Impact Statement if prepared, as inclosures. The inclosures for all cases referred to the Chief of Engineers will be in duplicate. If an EIS has been prepared, the report shall not be forwarded until expiration of the 30-day comment period following filing of the final EIS and shall address any comments received on the final EIS. The following items will be included or discussed in the report:

- Name of applicant.
- Location, character and purpose of proposed activity, including a description of any wetlands involved.
- Applicable statutory authorities and administrative determinations conferring Corps of Engineers regulatory jurisdiction.
- Other Federal, State, and local authorizations obtained or required and pending.
- Date of public notice and public hearings, if held, and summary of objections offered with comments of the District Engineer thereon. The comments should explain the objections and not merely refer to inclosed letters.

(f) Views of State and local authorities.

(g) Views of District Engineer concerning probable effect of the proposed work on:

- Navigation, present and prospective.
- Harbor lines, if established.
- Flood heights, drift and flood damage protection.
- Beach erosion or accretion.
- Fish and Wildlife.
- Water Quality.
- Aesthetics.
- Historic values.
- Recreation.
- Economy.
- Water supply.
- Energy needs.
- Land use classification and coastal zone management plans.

(h) Other pertinent remarks, such as:

- Extent of public and private need.
- Appropriate alternatives.
- Extent and permanence of beneficial and/or detrimental effects.

(4) Probable impact in relation to cumulative effects created by other activities.

(i) A copy of the environmental assessment or the Environmental Impact Statement. If an EIS is prepared, a summary of comments received on the final EIS together with the District Engineer's response to those comments.

(j) A discussion of conformity with the guidelines published for the discharge of dredged or fill material in waters of the United States (40 CFR Part 230) or the dumping of dredged material in ocean waters (40 CFR Parts 220 to 229), as applicable.

(k) Conclusions.

(l) Recommendations including any proposed special conditions.

APPENDIX A—PERMIT FORM

Application No. _____
Name of Applicant _____
Effective Date _____
Expiration Date (if applicable) _____

DEPARTMENT OF THE ARMY

Permit

Referring to written request dated _____ for a permit to:

() Perform work in or affecting navigable waters of the United States, upon the recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of March 3, 1899 (33 U.S.C. 403);

() Discharge dredged or fill material into waters of the United States upon the issuance of a permit from the Secretary of the Army acting through the Chief of Engineers pursuant to Section 404 of the Federal Water Pollution Control Act (86 Stat. 816, Pub. L. 92-500);

() Transport dredged material for the purpose of dumping it into ocean waters upon the issuance of a permit from the Secretary of the Army acting through the Chief of Engineers pursuant to Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (86 Stat. 1052; Pub. L. 92-532);

(Here insert the full name and address of the permittee.)

is hereby authorized by the Secretary of the Army: to _____

(Here describe the proposed structure or activity, and its intended use. In the case of an application for a fill permit, describe the structures, if any proposed to be erected on the fill. In the case of an application for the discharge of dredged or fill material into waters of the United States or the transportation for discharge in ocean waters of dredged material, describe the type and quantity of material to be discharged.)

in _____

(Here to be named the ocean, river, harbor, or waterway concerned.)

at _____

(Here to be named the nearest well-known locality—preferably a town or city—and the distance in miles and tenths from some definite point in the same, stating whether above or below or giving direction by points of compass.)

In accordance with the plans and drawings attached hereto which are incorporated in and made a part of this permit (on drawings, give file number or other definite identification marks). Subject to the following conditions:

I. General conditions: (a) That all activities identified and authorized herein shall be consistent with the terms and conditions of this permit; and that any activities not specifically identified and authorized herein shall constitute a violation of the terms and conditions of this permit which may result in the modification, suspension or revocation of this permit, in whole or in part, as set forth more specifically in General Conditions j or k hereto, and in the institution of such legal proceedings as the United States Government may consider appropriate, whether or not this permit has been previously modified, suspended or revoked in whole or in part.

(b) That all activities authorized herein shall, if they involve, during their construction or operation, any discharge of pollutants into waters of the United States or ocean waters, be at all times consistent with applicable water quality standards, effluent limitations and standards of performance, prohibitions, pretreatment standards and management practices established pursuant to the Federal Water Pollution Control Act of 1972 (Pub. L. 92-500; 86 Stat. 816), the Marine Protection, Research and Sanctuaries Act of 1972 (Pub. L. 92-532, 86 Stat. 1052), or pursuant to applicable State and local law.

(c) That when the activity authorized herein involves a discharge during its construction or operation, of any pollutant (including dredged or fill material), into waters of the United States, the authorized activity shall, if applicable water quality standards are revised or modified during the term of this permit, be modified, if necessary, to conform with such revised or modified water

quality standards within 6 months of the effective date of any revision or modification of water quality standards, or as directed by an implementation plan contained in such revised or modified standards, or within such longer period of time as the District Engineer, in consultation with the Regional Administrator of the Environmental Protection Agency, may determine to be reasonable under the circumstances.

(d) That the discharge will not destroy a threatened or endangered species as identified under the Endangered Species Act, or endanger the critical habitat of such species.

(e) That the permittee agrees to make every reasonable effort to prosecute the construction or operation of the work authorized herein in a manner so as to minimize any adverse impact on fish, wildlife, and natural environmental values.

(f) That the permittee agrees that it will prosecute the construction or work authorized herein in a manner so as to minimize any degradation of water quality.

(g) That the permittee shall permit the District Engineer or his authorized representative(s) or designee(s) to make periodic inspections at any time deemed necessary in order to assure that the activity being performed under authority of this permit is in accordance with the terms and conditions prescribed herein.

(h) That the permittee shall maintain the structure or work authorized herein in good condition and in accordance with the plans and drawings attached hereto.

(i) That this permit does not convey any property rights, either in real estate or material, or any exclusive privileges; and that it does not authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations nor does it obviate the requirement to obtain State or local consent required by law for the activity authorized herein.

(j) That this permit may be summarily suspended, in whole or in part, upon a finding by the District Engineer that immediate suspension of the activity authorized herein would be in the general public interest. Such suspension shall be effective upon receipt by the permittee of a written notice thereof which shall indicate (1) the extent of the suspension, (2) the reasons for this action, and (3) any corrective or preventative measures to be taken by the permittee which are deemed necessary by the District Engineer to abate imminent hazards to the general public interest. The permittee shall take immediate action to comply with the provisions of this notice. Within ten days following receipt of this notice of suspension, the permittee may request a hearing in order to present information relevant to a decision as to whether his permit should be reinstated, modified or revoked. If a hearing is requested, it shall be conducted pursuant to procedures prescribed by the Chief of Engineers. After completion of the hearing, or within a reasonable time after issuance of the suspension notice to the permittee if no hearing is requested, the permit will either be reinstated, modified or revoked.

(k) That this permit may be either modified, suspended or revoked in whole or in part if the Secretary of the Army or his authorized representative determines that there has been a violation of any of the terms or conditions of this permit or that such action would otherwise be in the public interest. Any such modification, suspension, or revocation shall become effective 30 days after receipt by the permittee of written notice of such action which shall specify the facts or conduct warranting same unless (1) within the 30-day period the permittee is able to satisfactorily demonstrate that (a) the alleged violation of the terms and the con-

ditions of this permit did not, in fact, occur or (b) the alleged violation was accidental, and the permittee has been operating in compliance with the terms and conditions of the permit and is able to provide satisfactory assurances that future operations shall be in full compliance with the terms and conditions of this permit; or (2) within the aforesaid 30-day period, the permittee requests that a public hearing be held to present oral and written evidence concerning the proposed modification, suspension or revocation. The conduct of this hearing and the procedures for making a final decision either to modify, suspend or revoke this permit in whole or in part shall be pursuant to procedures prescribed by the Chief of Engineers.

(l) That in issuing this permit, the Government has relied on the information and data which the permittee has provided in connection with his permit application. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete or inaccurate, this permit may be modified, suspended or revoked, in whole or in part, and/or the Government may, in addition, institute appropriate legal proceedings.

(m) That any modification, suspension, or revocation of this permit shall not be the basis for any claim for damages against the United States.

(n) That the permittee shall notify the District Engineer at what time the activity authorized herein will be commenced, as far in advance of the time of commencement as the District Engineer may specify, and of any suspension of work, if for a period of more than one week, resumption of work and its completion.

(o) That if the activity authorized herein is not started on or before _____ day of _____, 19____, (one year from the date of issuance of this permit unless otherwise specified) and is not completed on or before _____ day of _____, 19____, (three years from the date of issuance of this permit unless otherwise specified) this permit, if not previously revoked or specifically extended, shall automatically expire.

(p) That this permit does not authorize or approve the construction of particular structures, the authorization or approval of which may require authorization by the Congress or other agencies of the Federal Government.

(q) That if and when the permittee desires to abandon the activity authorized herein, unless such abandonment is part of a transfer procedure by which the permittee is transferring his interests herein to a third party pursuant to General Condition S hereof, he must restore the area to a condition satisfactory to the District Engineer.

(r) That if the recording of this permit is possible under applicable State or local law, the permittee shall take such action as may be necessary to record this permit with the Register of Deeds or other appropriate official charged with the responsibility for maintaining records of title to and interests in real property.

(s) That there shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein.

(t) That this permit may not be transferred to a third party without prior written notice to the District Engineer, either by the transferee's written agreement to comply with all terms and conditions of this permit or by the transferee subscribing to this permit in the space provided below and thereby agreeing to comply with all terms and conditions of this permit. In addition, if the permittee transfers the interests authorized herein by conveyance of realty, the deed shall reference this permit and the terms and conditions specified herein and this permit

shall be recorded along with the deed with the Register of Deeds or other appropriate official.

II. Special Conditions: Here list conditions relating specifically to the proposed structure or work authorized by this permit. The following Special Conditions will be applicable when appropriate:

Structures In or Affecting Navigable Waters of the United States

(a) That this permit does not authorize the interference with any existing or proposed Federal project and that the permittee shall not be entitled to compensation for damage or injury to the structures or work authorized herein which may be caused by or result from existing or future operations undertaken by the United States in the public interest.

(b) That no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized by this permit.

(c) That if the display of lights and signals on any structure or work authorized herein is not otherwise provided for by law, such lights and signals as may be prescribed by the United States Coast Guard shall be installed and maintained by and at the expense of the permittee.

(d) That the permittee, upon receipt of a notice of revocation of this permit or upon its expiration before completion of the authorized structure or work, shall, without expense to the United States and in such time and manner as the Secretary of the Army or his authorized representative may direct, restore the waterway to its former conditions. If the permittee fails to comply with the direction of the Secretary of the Army or his authorized representative, the Secretary or his designee may restore the waterway to its former condition, by contract or otherwise, and recover the cost thereof from the permittee.

(e) Structures for Small Boats: That permittee hereby recognizes the possibility that the structure permitted herein may be subject to damage by wave wash from passing vessels. The issuance of this permit does not relieve the permittee from taking all proper steps to insure the integrity of the structure permitted herein and the safety of boats moored thereto from damage by wave wash and the permittee shall not hold the United States liable for any such damage.

Maintenance Dredging

(a) That when the work authorized herein includes periodic maintenance dredging, it may be performed under this permit for _____ years from the date of issuance of this permit (ten years unless otherwise indicated);

(b) That the permittee will advise the District Engineer in writing at least two weeks before he intends to undertake any maintenance dredging.

Discharges of Dredged or Fill Material Into Waters of the United States

(a) That the discharge will be carried out in conformity with the goals and objectives of the EPA Guidelines established pursuant to Section 404(b) of the FWPCA and published in 40 CFR 230;

(b) That the discharge will consist of suitable material free from toxic pollutants in other than trace quantities;

(c) That the fill created by the discharge will be properly maintained to prevent erosion and other non-point sources of pollution; and

(d) That the discharge will not occur in a component of the National Wild and Scenic River System or in a component of a State wild and scenic river system.

*Dumping of Dredged Material Into
Ocean Waters*

(a) That the dumping will be carried out in conformity with the goals, objectives, and requirements of the EPA criteria established pursuant to Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, published in 40 CFR 220-228.

(b) That the permittee shall place a copy of this permit in a conspicuous place in the vessel to be used for the transportation and/or dumping of the dredged material as authorized herein.

This permit shall become effective on the date of the District Engineer's signature.

Permittee hereby accepts and agrees to comply with the terms and conditions of this permit.

(Permittee)

(Date)

By authority of the Secretary of the Army:

(District Engineer)

(Date)

Transferee hereby agrees to comply with the terms and conditions of this permit.

(Transferee)

(Date)

APPENDIX B—MEMORANDUM OF UNDERSTANDING BETWEEN THE SECRETARY OF THE INTERIOR AND THE SECRETARY OF THE ARMY

In recognition of the responsibilities of the Secretary of the Army under sections 10 and 13 of the Act of March 3, 1899 (33 U.S.C. 403 and 407), relating to the control of dredging, filling, and excavation in the navigable waters of the United States, and the control of refuse in such waters, and the interrelationship of those responsibilities with the responsibilities of the Secretary of the Interior under the Federal Water Pollution Control Act, as amended (33 U.S.C. 466 et seq.), the Fish and Wildlife Coordination Act, as amended (16 U.S.C. 661-666c), and the Fish and Wildlife Act of 1956, as amended (16 U.S.C. 742a et seq.), relating to the control and prevention of water pollution in such waters and the conservation of the Nation's natural resources and related environment, including fish and wildlife and recreational values therein; in recognition of our joint responsibilities under Executive Order No. 11288 to improve water quality through the prevention, control, and abatement of water pollution from Federal and federally licensed activities; and in recognition of other provisions of law and policy, we, the two Secretaries, adopt the following policies and procedures:

POLICIES

1. It is the policy of the two Secretaries that there shall be full coordination and cooperation between their respective Departments on the above responsibilities at all organizational levels, and it is their view that maximum efforts in the discharge of those responsibilities, including the resolution of differing views, must be undertaken at the earliest practicable time and at the field organizational unit most directly concerned. Accordingly, District Engineers of the U.S. Army Corps of Engineers shall coordinate with the Regional Directors of the Secretary of the Interior on fish and wildlife, recreation, and pollution problems associated with dredging, filling, and excavation operations to be conducted under permits issued under the 1899 Act in the navigable waters of the United States, and they shall avail themselves of the technical advice and assistance which such Directors may provide.

2. The Secretary of the Army will seek the advice and counsel of the Secretary of the Interior on difficult cases. If the Secretary of the Interior advises that proposed operations will unreasonably impair natural resources or the related environment, including the fish and wildlife and recreational values thereof, or will reduce the quality of such waters in violation of applicable water quality standards, the Secretary of the Army in acting on the request for a permit will carefully evaluate the advantages and benefits of the operations in relation to the resultant loss or damage, including all data presented by the Secretary of the Interior, and will either deny the permit or include such conditions in the permit as he determines to be in the public interest, including provisions that will assure compliance with water quality standards established in accordance with law.

PROCEDURES FOR CARRYING OUT THESE POLICIES

1. Upon receipt of an application for a permit for dredging, filling, excavation, or other related work in navigable waters of the United States, the District Engineers shall send notices to all interested parties, including the appropriate Regional Directors of the Federal Water Pollution Control Administration, the United States Fish and Wildlife Service, and the National Park Service of the Department of the Interior, and the appropriate State conservation, resources, and water pollution agencies.

2. Such Regional Directors of the Secretary of the Interior shall immediately make such studies and investigations as they deem necessary or desirable, consult with the appropriate State agencies, and advise the District Engineers whether the work proposed by the permit applicant, including the deposit of any material in or near the navigable waters of the United States, will reduce the quality of such waters in violation of applicable water quality standards or unreasonably impair natural resources or the related environment.

3. The District Engineer will hold public hearings on permit applications whenever response to a public notice indicates that hearings are desirable to afford all interested parties full opportunity to be heard on objections raised.

4. The District Engineer, in deciding whether a permit should be issued, shall weigh all relevant factors in reaching his decision. In any case where Directors of the Secretary of the Interior advise the District Engineers that proposed work will impair the water quality in violation of applicable water quality standards or unreasonably impair the natural resources or the related environment, he shall, within the limits of his responsibility, encourage the applicant to take steps that will resolve the objections to the work. Failing in this respect, the District Engineer shall forward the case for the consideration of the Chief of Engineers and the appropriate Regional Director of the Secretary of the Interior shall submit his views and recommendations to his agency's Washington Headquarters.

5. The Chief of Engineers shall refer to the Under Secretary of the Interior all those cases referred to him containing unresolved substantive differences of views and he shall include his analysis thereof, for the purpose of obtaining the Department of Interior's comments prior to final determination of the issues.

6. In those cases where the Chief of Engineers and the Under Secretary are unable to resolve the remaining issues, the cases will be referred to the Secretary of the Army for decision in consultation with the Secretary of the Interior.

7. If in the course of operations within this understanding, either Secretary finds its terms in need of modification, he may notify the other of the nature of the desired changes. In that event the Secretaries shall within 90 days negotiate such amendment as is considered desirable or may agree upon termination of this understanding at the end of the period.

Dated: July 13, 1967.

STEWART L. UDALL,
Secretary of the Interior.

Dated: July 13, 1967.

STANLEY RESOR,
Secretary of the Army.

PART 326—ENFORCEMENT

Sec.

- 326.1 Purpose.
- 326.2 Discovery.
- 326.3 Investigation.
- 326.4 Legal Action.
- 326.5 Processing After-the-fact Applications.

AUTHORITY: 33 U.S.C. 401 et seq.; 33 U.S.C. 1344; 33 U.S.C. 1413.

§ 326.1 Purpose.

This regulation prescribes the policy, practice, and procedures to be followed by the Corps of Engineers in connection with activities requiring Department of the Army permits that are performed without prior authorization.

§ 326.2 Discovery of unauthorized activity in Progress

When the District Engineer becomes aware of any unauthorized activity which is still in progress, he shall immediately issue a cease and desist order to all persons responsible for and/or involved in the performance of the activity. If appropriate, the District Engineer may also order interim protective measures to be taken in order to protect the public interest.

§ 326.3 Investigation.

The District Engineer shall commence an immediate investigation of all unauthorized activities brought to his attention to ascertain the facts surrounding the activity. In making this investigation, the District Engineer shall solicit the views of the Regional Administrator of the Environmental Protection Agency, the Regional Director of the U.S. Fish and Wildlife Service, and the Regional Director of the National Marine Fisheries Service, and other appropriate Federal, State, and local agencies. He shall also request the persons involved in the unauthorized activity to provide appropriate information on the activity to assist him in his evaluation and in recommending the course of action to be taken. The District Engineer shall evaluate the information and views developed during this investigation in conjunction with the appropriate factors and criteria that pertain to the particular unauthorized activity as cited in 33 CFR Parts 320, 321, 322, 323, and 324, and the guidance contained in § 326.4, below. Following this evaluation, the District Engineer shall formulate recommendations as to the appropriate administrative and/or legal action to be taken.

§ 326.4 Legal action.

(a) District Engineers shall be guided by the following policies in determining whether an unauthorized activity requires appropriate legal action:

(1) *Criminal action.* Criminal action is considered appropriate when the facts surrounding an unauthorized activity reveal the necessity for punitive action and/or when deterrence of future unauthorized activities in the area is considered essential to the establishment or maintenance of a viable permit program.

(2) *Civil action.* Civil action is considered appropriate when the preliminary evaluation of the unauthorized activity reveals that (i) restoration is in the public interest and attempts to secure voluntary restoration have failed, or (ii) the unauthorized activity is in the public interest but must be altered or modified by judicial order because attempts to secure voluntary compliance have failed, or (iii) a civil penalty under Section 309 of the FWPCA is warranted.

(b) Preparation of case. If the District Engineer determines that legal action is appropriate, he shall prepare a litigation report which shall contain an analysis of the data and information obtained during his investigation and a recommendation of appropriate civil and criminal action. In those cases where the analysis of the facts developed during his investigation (when made in conjunction with the appropriate factors and criteria specified in 33 CFR Parts 320, 321, 322, 323, and 324) leads to the preliminary conclusion that removal of the unauthorized activity is in the public interest, the District Engineer shall also recommend restoration of the area to its original or comparable condition.

(c) Referral to local U.S. Attorney. Except as provided in subsection (d), District Engineers are authorized to refer the following cases directly to the local U.S. Attorney.

(1) All unauthorized structures or work in or affecting navigable waters of the United States that fall exclusively within the purview of Section 10 of the River and Harbor Act of 1899 (see 33 CFR Part 322) for which a criminal fine or penalty under Section 12 of that Act (33 USC 406) is considered appropriate.

(2) All civil actions involving small unauthorized structures, such as piers, which the District Engineer determines are (i) not in the public interest and therefore must be removed, or (ii) are in the public interest but must be altered or modified by judicial order, because attempts to secure voluntary compliance have failed.

(3) All violations of Section 301 of the Federal Water Pollution Control Act Amendments of 1972 (33 USC 1311) involving the unauthorized discharge of dredged or fill material into the waters of the United States where the District Engineer determines, with the concurrence of the Regional Administrator, that civil and/or criminal action pursuant to Section 309 of the FWPCA is appropriate.

(4) All cases for which a temporary restraining order and/or preliminary in-

junction is appropriate following non-compliance with a cease and desist order.

Information copies of all letters of referral shall be forwarded to the Chief of Engineers, ATTN: DAEN-CCK, and the Chief Pollution Control Section, Land and Natural Resources Division, Department of Justice, Washington, D.C. 20530.

(d) Referral to Office, Chief of Engineers. District Engineers shall prepare and forward a litigation report to the Office, Chief of Engineers, ATTN: DAEN-CCK, for all other cases not identified in subsection (c) in which civil and/or criminal action is considered appropriate, including:

(1) All cases involving significant questions of law or fact;

(2) All cases involving discharges of dredged or fill material into waters of the United States that are not interstate waters or navigable waters of the United States, or part of a surface tributary system to these waters;

(3) All cases involving recommendations for substantial or complete restoration;

(4) All cases involving violations of Section 9 of the River and Harbor Act of 1899; and

(5) All cases involving violations of the Marine Protection, Research and Sanctuaries Act of 1972.

(e) If the District Engineer refers a case to the local U.S. Attorney or if criminal and/or civil action is instituted against the responsible person for any unauthorized activity, the District Engineer shall not accept for processing any application for a Department of the Army permit until final disposition of the referral action and/or all judicial proceedings, including the payment of all prescribed penalties and fines and/or completion of all work ordered by the court. Thereafter, the District Engineer may accept an application for a permit; provided, that with respect to any judicial order requiring partial or total restoration of an area, the District Engineer, if so ordered by the court, shall supervise this restoration effort and may allow the responsible persons to apply for a permit for only that portion of the unauthorized activity for which restoration has not been so ordered.

§ 326.5 Processing after-the-fact applications.

In those cases in which the District Engineer determines that the unauthorized activity does not warrant legal action, the following procedures shall be followed.

(a) Processing and evaluation of applications for after-the-fact authorizations for activities undertaken without the required Department of the Army permits will in all other respects follow the standard policies and procedures of 33 CFR Parts 320-325. Thus, authorization may still be denied in accordance with the policies and procedures of those regulations.

(b) Where after-the-fact authorization is determined to be in the public interest, the standard permit form for the activity will be used, omitting inappropriate

conditions, and including whatever special conditions the District Engineer may deem appropriate to mitigate or prevent undesirable effects which may have occurred or might occur.

(c) Where after-the-fact authorization is not determined to be in the public interest, the notification of the denial of the permit will prescribe any corrective actions to be taken in connection with the work already accomplished, including restoration of those areas subject to denial, and establish a reasonable period of time for the applicant to complete such actions. The District Engineer, after denial of the permit, will again consider whether civil and/or criminal action is appropriate in accordance with § 326.4.

(d) If the applicant declines to accept the proposed permit conditions, or fails to take corrective action prescribed in the notification of denial, or if the District Engineer determines, after denying the permit application, that legal action is appropriate, the matter will be referred to the Chief of Engineers, ATTN: DAEN-CCK, with recommendations for appropriate action.

PART 327—PUBLIC HEARINGS

Sec.	
327.1	Purpose.
327.2	Applicability.
327.3	Definitions.
327.4	General policies.
327.5	Presiding officer.
327.6	Legal adviser.
327.7	Representation.
327.8	Conduct of hearings.
327.9	Filing of transcript of the public hearing.
327.10	Powers of the presiding officer.
327.11	Public notice.

AUTHORITY: 33 U.S.C. 1344; 33 U.S.C. 1413.

§ 327.1 Purpose.

This regulation prescribes the policy, practice and procedures to be followed by the U.S. Army Corps of Engineers in the conduct of public hearings conducted in the evaluation of a proposed Department of the Army permit action or Federal project as defined in § 327.3 below including those held pursuant to Section 404 of the Federal Water Pollution Control Act (FWPCA) (33 U.S.C. 1344) and Section 103 of the Marine Protection, Research and Sanctuaries Act (MPRSA), as amended (33 U.S.C. 1413).

§ 327.2 Applicability.

This regulation is applicable to all Divisions and Districts responsible for the conduct of public hearings.

§ 327.3 Definitions.

(a) Public hearing means a public proceeding conducted for the purpose of acquiring information or evidence which will be considered in evaluating a proposed Department of the Army permit action, or Federal project, and which affords to the public the opportunity to present their views, opinions, and information on such permit actions or Federal projects.

(b) Permit action, as used herein, means the review of an application for a permit pursuant to Section 10 of the

River and Harbor Act of 1899 (33 U.S.C. 403), Section 404 of the FWPCA (33 U.S.C. 1344), the Outer Continental Shelf Act (43 U.S.C. 1333(f)), and Section 103 of the MPRSA of 1972, as amended (33 U.S.C. 1413), or the modification or revocation of any Department of the Army permit. (See 33 CFR 325.7.)

(c) Federal project means a Corps of Engineers project (work or activity of any nature for any purpose which is to be performed by the Chief of Engineers pursuant to Congressional authorizations) involving the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of dumping it in ocean waters subject to Section 404 of the FWPCA (33 U.S.C. 1344), or Section 103 of the MPRSA, as amended (33 U.S.C. 1413; and 33 CFR 209.145. (This regulation supersedes all references to public meetings in 33 CFR 209.145.)

§ 327.4 General policies.

(a) A public hearing will be held in connection with the consideration of a Department of the Army permit application under Section 404 of the FWPCA or Section 103 of the MPRSA, or a Federal project whenever a public hearing will assist in making a decision on such permit application or Federal project. In addition, a public hearing may be held when it is proposed to modify or revoke a permit. (See 33 CFR 325.7.)

(b) Unless the public notice specifies that a public hearing will be held, any person may request, in writing, within the comment period specified in the public notice on a Department of the Army permit application under Section 404 of the FWPCA or Section 103 of the MPRSA or on a Federal project, that a public hearing be held to consider the material matters in issue in the permit application or Federal project. Upon receipt of any such request, stating with particularity the reasons for holding a public hearing, the District Engineer shall promptly set a time and place for the public hearing, and give due notice thereof, as prescribed in § 327.11 below. Requests for a public hearing under this paragraph shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing. The District Engineer will make such a determination in writing, and communicate his reasons therefor to all requesting parties.

(c) In cases involving the evaluation of a Department of the Army permit application only under Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403), public hearings will be held upon written request whenever the District Engineer determines that there is sufficient public interest to warrant such action. Among the instances warranting public hearings are general public opposition to a proposed work, Congressional requests or requests from responsible local authorities, or controversial cases involving significant environmental issues.

(d) In case of doubt, a public hearing shall be held. HQDA has the discretionary power to require hearings in any case.

(e) In fixing the time and place for a hearing, due regard shall be had for the convenience and necessity of the interested public.

§ 327.5 Presiding officer.

(a) The District Engineer, in whose District a matter arises, shall normally serve as the Presiding Officer. When the District Engineer is unable to serve, he may designate the Deputy District Engineer as such Presiding Officer. In any case, he may request the Division Engineer to designate another Presiding Officer. In cases of unusual interest, the Chief of Engineers reserves the power to appoint such person as he deems appropriate to serve as the Presiding Officer.

(b) The Presiding Officer in each case shall establish a hearing file. The hearing file shall include a copy of any permit application or permits and supporting data, any public notices issued in the case, the request or requests for the hearing and any data or material submitted in justification thereof, materials submitted in opposition to the proposed action, the hearing transcript, and such other material as may be relevant or pertinent to the subject matter of the hearing. The hearing file shall be available for public inspection with the exception of material exempt from disclosure under the Freedom of Information Act.

§ 327.6 Legal adviser.

In each public hearing, the District Counsel or his designee shall serve as legal adviser to the Presiding Officer in ruling upon legal matters and issues that may arise.

§ 327.7 Representation.

At the public hearing, any person may appear on his own behalf, and may be represented by counsel, or by other representatives.

§ 327.8 Conduct of hearings.

(a) Hearings shall be conducted by the Presiding Officer in an orderly but expeditious manner. Any person shall be permitted to submit oral or written statements concerning the subject matter of the hearing, to call witnesses who may present oral statements, and to present recommendations as to an appropriate decision. Any person may present written statements for the hearing file prior to the time the hearing file is closed to public submissions, and may present proposed findings and recommendations. The Presiding Officer shall afford participants an opportunity for rebuttal.

(b) The Presiding Officer shall have discretion to establish reasonable limits upon the time allowed for statements of witnesses, for arguments of parties or their counsel or representatives, and upon the number of rebuttals.

(c) Cross-examination of witnesses shall not be permitted.

(d) All public hearings shall be reported verbatim. Copies of the transcripts of proceedings may be purchased

by any person from the Corps of Engineers or the reporter of such hearing. A copy will be available for public inspection at the office of the appropriate District Engineer.

(e) All written statements, charts, tabulations, and similar data offered in evidence at the hearing shall, subject to exclusion by the Presiding Officer for reasons of redundancy, be received in evidence and shall constitute a part of the hearing file.

(f) At any hearing, the Presiding Officer shall make an opening statement, outlining the purpose of the hearing and prescribing the general procedures to be followed. The Presiding Officer shall afford participants an opportunity to respond to his opening statement.

(g) The Presiding Officer shall allow a period of 10 days after the close of the public hearing for submission of written comments. After such time has expired, unless such period is extended by the Presiding Officer or the Chief of Engineers for good cause, the hearing file shall be closed to additional public written comments.

(h) In appropriate cases, the District Engineer may participate in joint public hearings with other Federal or State agencies, provided the procedures of those hearings meet the requirements of this regulation. In those cases in which the other Federal or State agency is required to allow cross-examination in its public hearing, the District Engineer may still participate in the joint public hearing but shall not require cross examination as a part of his participation.

(i) The procedures in subparagraphs (d), (f) and (g) of this Section may be waived by the Presiding Officer in appropriate cases.

§ 327.9 Filing of transcript of the public hearing.

Where the Presiding Officer is the initial action authority, the transcript of the public hearing, together with all evidence introduced at the public hearing, shall be made a part of the administrative record of the permit action or Federal project. The initial action authority shall fully consider the matters discussed at the public hearing in arriving at his initial decision or recommendation and shall address, in his decision or recommendation, all substantial and valid issues presented at the hearing. Where a person other than the initial action authority serves as Presiding Officer, such person shall forward the transcript of the public hearing and all evidence received in connection therewith to the initial action authority together with a report summarizing the issues covered at the hearing. The report of the Presiding Officer and the transcript of the public hearing and evidence submitted there shall in such cases be fully considered by the initial action authority in making his decision or recommendation to higher authority as to such permit action or Federal project.

§ 327.10 Powers of the Presiding Officer.

Presiding Officers shall have the following powers:

(a) To regulate the course of hearing including the order of all sessions and the scheduling thereof, after any initial session, and the recessing, reconvening, and adjournment thereof; and

(b) To take any other action necessary or appropriate to the discharge of the duties vested in them, consistent with the statutory or other authority under which the Chief of Engineers functions, and with the policies and directives of the Chief of Engineers and the Secretary of the Army.

§ 327.11 Public notice.

(a) Public notice shall be given of any public hearing to be held pursuant to this regulation. Such notice shall provide for a period of not less than 30 days following the date of public notice during which time interested parties may prepare themselves for the hearing, except that, in cases of public necessity, a shorter time may be allowed. Notice shall also be given to all Federal agencies affected by the proposed action, and to State and local agencies having an interest in the subject matter of the hearing. Notice shall be sent to all persons requesting a hearing and shall be posted in appropriate government buildings and published in newspapers of general circulation.

(b) The notice shall contain time, place, and nature of hearing; the legal authority and jurisdiction under which the hearing is held; and location of and availability of the draft Environmental Impact Statement or Environmental Assessment.

PART 328—HARBOR LINES

Sec.

- 328.1 Purpose and scope.
- 328.2 Applicability.
- 328.3 References.
- 328.4 Definition.
- 328.5 The purpose of harbor lines.
- 328.6 Establishment or modification of harbor lines.

AUTHORITY: 33 U.S.C. 401 et seq.

§ 328.1 Purpose and scope.

This regulation prescribes the policy, practice and procedures concerning harbor lines and any work in navigable waters of the United States shoreward of such lines.

§ 328.2 Applicability.

This regulation is applicable to all Corps of Engineers activities and installations having Civil Works responsibilities.

§ 328.3 References.

- (a) Section 11 of the River and Harbor Act of 1899 (33 U.S.C. 404).
- (b) Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403).
- (c) Public Law 91-190, the National Environmental Policy Act of 1969.

§ 328.4 Definition.

The term "harbor line(s)" is used here in its generic sense. It includes types of harbor lines frequently referred to by other names, including, for example, pierhead lines and bulkhead lines.

§ 328.5 The purpose of harbor lines.

(a) Under previous policies, practices and procedures, riparian owners could erect open pile structures or undertake solid fill construction shoreward of established harbor lines without obtaining a permit under 33 U.S.C. 403. This was a matter of great concern, particularly in cases involving long established harbor lines, since all factors affecting the public interest may not have been taken into account at the time the lines were established. Accordingly, under previous policies, practices and procedures there was the danger that work shoreward of existing harbor lines could be undertaken without appropriate consideration having been given to the impact which such work may have on the environment and without a judgment having been made as to whether or not the work was, on balance, in the public interest.

(b) In order to assure that the public interest will be considered and protected in all instances, all existing and future harbor lines were declared on 27 May 1970 (33 CFR 209.150) to be guidelines for defining, with respect to the impact on navigation interests alone, the offshore limits of open pile structures (pierhead lines) or fills (bulkhead lines). A permit under 33 USC 403 is required in each case for any work which is commenced shoreward of existing or future harbor lines after 27 May 1970. Applications for permits for work in navigable waters of the United States shoreward of harbor lines shall be filed and processed in accordance with the provisions of 33 CFR Part 325. No permit is required for work completed or commenced prior to 27 May 1970 in conformance with existing harbor line authority.

§ 328.6 Establishment or modification of harbor lines.

Applications for the establishment of new harbor lines or the modification of existing harbor lines will be processed in a manner similar to applications for permits for work in navigable waters of the United States. Public notice concerning any such application will be sent to all parties known or believed to be interested in the application and a copy of the notice will be posted in post offices or other public places in the area. Public notices, apart from providing information relative to any harbor line application, shall make it clear that harbor lines are guidelines for defining, with respect to the impact on navigation interests alone, the offshore limits of open pile structures or fills and that the establishment of a harbor line carries with it no presumption that individual applications for permits to undertake work shoreward of any harbor line will be granted. Public hearings will be held in connection with applications for the establishment or modification of harbor lines whenever there appears to be sufficient public interest to justify the holding of a public hearing or when responsible Federal, State or local authorities, including Members of the Congress, re-

quest that a hearing be held and it is likely that information will be presented at the hearing that will be of assistance in determining whether the harbor line should be established or modified. District Engineers will forward all recommendations concerning the establishment or modification of harbor lines through the appropriate Division Engineer to the Office of the Chief of Engineers, DAEN-CWO-N. No new harbor lines will be established and no existing harbor lines will be modified unless specifically authorized by the Chief of Engineers.

PART 329—DEFINITION OF NAVIGABLE WATERS OF THE UNITED STATES

Sec.

- 329.1 Purpose.
- 329.2 Applicability.
- 329.3 General policies.
- 329.4 General definitions.
- 329.5 General scope of determinations.
- 329.6 Interstate or foreign commerce.
- 329.7 Intrastate or interstate nature of waterway.
- 329.8 Improved or natural conditions of waterbody.
- 329.9 Time at which commerce exists or determination is made.
- 329.10 Existence of obstructions.
- 329.11 Geographic and jurisdictional limits of rivers and lakes.
- 329.12 Geographic and jurisdictional limits of oceanic and tidal waters.
- 329.13 Geographic limits: shifting boundaries.
- 329.14 Determination of navigability.
- 329.15 Inquiries regarding determinations.
- 329.16 Use and maintenance of lists of determinations.

AUTHORITY: 33 U.S.C. 401 et seq.

§ 329.1 Purpose.

This regulation defines the term "navigable waters of the United States" as it is used to define authorities of the Corps of Engineers. It also prescribes the policy, practice and procedure to be used in determining the extent of the jurisdiction of the Corps of Engineers and in answering inquiries concerning "navigable waters."

§ 329.2 Applicability.

This regulation is applicable to all Corps of Engineers Districts and Divisions having Civil Works responsibilities.

§ 329.3 General policies.

Precise definitions of "navigable waters" or "navigability" are ultimately dependent on judicial interpretation, and cannot be made conclusively by administrative agencies. However, the policies and criteria contained in this regulation are in close conformance with the tests used by the Federal Courts and determinations made under this regulation are considered binding in regard to the activities of the Corps of Engineers.

§ 329.4 General definition.

Navigable waters of the United States are those waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. A determination of navigability,

once made, applies laterally over the entire surface of the waterbody, and is not extinguished by later actions or events which impede or destroy navigable capacity.

§ 329.5 General scope of determination.

The several factors which must be examined when making a determination whether a waterbody is a navigable water of the United States are discussed in detail below. Generally, the following conditions must be satisfied:

(a) Past, present, or potential presence of interstate or foreign commerce;

(b) Physical capabilities for use by commerce as in subparagraph (a) above; and

(c) Defined geographic limits of the waterbody.

§ 329.6 Interstate or foreign commerce.

(a) *Nature of Commerce: type, means, and extent of use.* The types of commercial use of a waterway are extremely varied and will depend on the character of the region, its products, and the difficulties or dangers of navigation. It is the waterbody's capability of use by the public for purposes of transportation of commerce which is the determinative factor, and not the time, extent or manner of that use. As discussed in § 329.9 below, it is sufficient to establish the potential for commercial use at any past, present, or future time. Thus, sufficient commerce may be shown by historical use of canoes, bateaux, or other frontier craft, as long as that type of boat was common or well-suited to the place and period. Similarly, the particular items of commerce may vary widely, depending again on the region and period. The goods involved might be grain, furs, or other commerce of the time. Logs are a common example; transportation of logs has been a substantial and well-recognized commercial use of many navigable waters of the United States. Note, however, that the mere presence of floating logs will not of itself make the river "navigable"; the logs must have been related to a commercial venture. Similarly, the presence of recreational craft may indicate that a waterbody is capable of bearing some forms of commerce, either presently, in the future, or at a past point in time.

(b) *Nature of commerce: interstate and intrastate.* Interstate commerce may of course be existent on an intrastate voyage which occurs only between places within the same state. It is only necessary that goods may be brought from, or eventually be destined to go to, another state. (For purposes of this regulation, the term "interstate commerce" hereinafter includes "foreign commerce" as well.)

§ 329.7 Intrastate or interstate nature of waterway.

A waterbody may be entirely within a state, yet still be capable of carrying interstate commerce. This is especially clear when it physically connects with a generally acknowledged avenue of

interstate commerce, such as the ocean or one of the Great Lakes, and is yet wholly within one state. Nor is it necessary that there be a physically navigable connection across a state boundary. Where a waterbody extends through one or more states, but substantial portions, which are capable of bearing interstate commerce, are located in only one of the states, the entirety of the waterway up to the head (upper limit) of navigation is subject to Federal jurisdiction.

§ 329.8 Improved or natural conditions of the waterbody.

Determinations are not limited to the natural or original condition of the waterbody. Navigability may also be found where artificial aids have been or may be used to make the waterbody suitable for use in navigation.

(a) *Existing improvements: artificial waterbodies.* (1) An artificial channel may often constitute a navigable water of the United States, even though it has been privately developed and maintained, or passes through private property. The test is generally as developed above, that is, whether the waterbody is capable of use to transport interstate commerce. Canals which connect two navigable waters of the United States and which are used for commerce clearly fall within the test, and themselves become navigable. A canal open to navigable waters of the United States on only one end is itself navigable where it in fact supports interstate commerce. A canal or other artificial waterbody that is subject to ebb and flow of the tide is also a navigable water of the United States.

(2) The artificial waterbody may be a major portion of a river or harbor area or merely a minor backwash, slip, or turning area. (See § 329.12(b).)

(3) Private ownership of the lands underlying the waterbody, or of the lands through which it runs, does not preclude a finding of navigability. Ownership does become a controlling factor if a privately constructed and operated canal is not used to transport interstate commerce nor used by the public; it is then not considered to be a navigable water of the United States. However, a private waterbody, even though not itself navigable, may so affect the navigable capacity of nearby waters as to nevertheless be subject to certain regulatory authorities.

(b) *Non-existing improvements, past or potential.* A waterbody may also be considered navigable depending on the feasibility of use to transport interstate commerce after the construction of whatever "reasonable" improvements may potentially be made. The improvements need not exist, be planned, nor even authorized; it is enough that potentially they could be made. What is a "reasonable" improvement is always a matter of degree; there must be a balance between cost and need at a time when the improvement would be (or would have been) useful. Thus, if an

improvement were "reasonable" at a time of past use, the water was therefore navigable in law from that time forward. The changes in engineering practices or the coming of new industries with varying classes of freight may affect the type of the improvement; those which may be entirely reasonable in a thickly populated, highly developed industrial region may have been entirely too costly for the same region in the days of the pioneers. The determination of reasonable improvement is often similar to the cost analyses presently made in Corps of Engineers studies.

§ 329.9 Time at which commerce exists or determination is made.

(a) *Past use.* A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) above) retains its character as "navigable in law" even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions. Nor does absence of use because of changed economic conditions affect the legal character of the waterbody. Once having attained the character of "navigable in law," the Federal authority remains in existence, and cannot be abandoned by administrative officers or court action. Nor is mere inattention or ambiguous action by Congress an abandonment of Federal control. However, express statutory declarations by Congress that described portions of a waterbody are nonnavigable, or have been abandoned, are binding upon the Department of the Army. Each statute must be carefully examined, since Congress often reserves the power to amend the Act, or assigns special duties of supervision and control to the Secretary of the Army or Chief of Engineers.

(b) *Future or potential use.* Navigability may also be found in a waterbody's susceptibility for use in its ordinary condition or by reasonable improvement to transport interstate commerce. This may be either in its natural or improved condition, and may thus be existent although there has been no actual use to date. Non-use in the past therefore does not prevent recognition of the potential for future use.

§ 329.10 Existence of obstructions.

A stream may be navigable despite the existence of falls, rapids, sand bars, bridges, portages, shifting currents, or similar obstructions. Thus, a waterway in its original condition might have had substantial obstructions which were overcome by frontier boats and/or portages, and nevertheless be a "channel" for commerce, even though boats had to be removed from the water in some stretches, or logs be brought around an obstruction by means of artificial chutes. However, the question is ultimately a matter of degree, and it must be recognized that there is some point beyond which navigability could not be established.

§ 329.11 Geographic and jurisdictional limits of rivers and lakes.

(a) *Jurisdiction over entire bed.* Federal regulatory jurisdiction, and powers of improvement for navigation, extend laterally to the entire water surface and bed of a navigable waterbody, which includes all the land and waters below the ordinary high water mark.

(1) The "ordinary high water mark" on non-tidal rivers is the line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank; shelving; changes in the character of soil; destruction of terrestrial vegetation; the presence of litter and debris; or other appropriate means that consider the characteristics of the surrounding areas.

(2) Ownership of a river or lake bed or of the lands between high and low water marks will vary according to state law; however, private ownership of the underlying lands has no bearing on the existence or extent of the dominant Federal jurisdiction over a navigable waterbody.

(b) *Upper limit of navigability.* The character of a river will, at some point along its length, change from navigable to non-navigable. Very often that point will be at a major fall or rapids, or other place where there is a marked decrease in the navigable capacity of the river. The upper limit will therefore often be the same point traditionally recognized as the head of navigation, but may, under some of the tests described above, be at some point yet further upstream.

§ 329.12 Geographic and jurisdictional limits of oceanic and tidal waters.

(a) *Ocean and coastal waters.* The navigable waters of the United States over which Corps of Engineers regulatory jurisdiction extends include all ocean and coastal waters within a zone three geographic (nautical) miles seaward from the coast line. Wider zones are recognized for special regulatory powers, such as those exercised over the Outer Continental Shelf.

(1) *Coast line defined.* Generally, where the shore directly contacts the open sea, the line on the shore reached by the ordinary low tides comprises the coast line from which the distance of three geographic miles is measured. On the Pacific coast the line of mean lower low water is used. The line has significance for both domestic and international law (in which it is termed the "base-line"), and is subject to precise definitions. Special problems arise when offshore rocks, islands, or other bodies exist, and the line may have to be drawn to seaward of such bodies.

(2) *Shoreward limit of jurisdiction.* Regulatory jurisdiction in coastal areas extends to the line on the shore reached by the plane of the mean (average) high water. However, on the Pacific coast, the line reached by the mean of the higher high waters is used. Where precise determination of the actual location of the line becomes necessary, it must be established by survey with reference to

the available tidal datum, preferably averaged over a period of 18.6 years. Less precise methods, such as observation of the "apparent shoreline" which is determined by reference to physical markings, lines of vegetation, or changes in type of vegetation, may be used only where an estimate is needed of the line reached by the mean high water.

(b) *Bays and estuaries.* Regulatory jurisdiction extends to the entire surface and bed of all waterbodies subject to tidal action. Jurisdiction thus extends to the edge (as determined by § 329.12(a) (2) above) of all such waterbodies, even though portions of the waterbody may be extremely shallow, or obstructed by shoals, vegetation, or other barriers. Marshlands and similar areas are thus considered "navigable in law," but only so far as the area is subject to inundation by the mean high waters. The relevant test is therefore the presence of the mean high tidal waters, and not the general test described above, which generally applies to inland rivers and lakes.

§ 329.13 Geographic limits: shifting boundaries.

Permanent changes of the shoreline configuration result in similar alterations of the boundaries of the navigable waters of the United States. Thus, gradual changes which are due to natural causes and are perceptible only over some period of time constitute changes in the bed of a waterbody which also change the shoreline boundaries of the navigable waters of the United States. However, an area will remain "navigable in law," even though no longer covered with water, whenever the change has occurred suddenly, or was caused by artificial forces intended to produce that change. For example, shifting sand bars within a river or estuary remain part of the navigable water of the United States, regardless that they may be dry at a particular point in time.

§ 329.14 Determination of navigability.

(a) *Effect on determinations.* Although conclusive determinations of navigability can be made only by Federal Courts, those made by Federal agencies are nevertheless accorded substantial weight by the courts. It is therefore necessary that when jurisdictional questions arise, District personnel carefully investigate those waters which may be subject to Federal regulatory jurisdiction under the guidelines set out above, as the resulting determination may have substantial impact upon a judicial body. Official determinations by an agency made in the past can be revised or reversed as necessary to reflect changed rules or interpretations of the law.

(b) *Procedures of determination.* A determination whether a waterbody is a navigable water of the United States will be made by the Division Engineer, and will be based on a report of findings prepared at the District level in accordance with the criteria set out in this regulation. Each report of findings will be prepared by the District Engineer, accompanied by an opinion of the District Counsel, and forwarded to the Division

Engineer for a final determination. Each report of findings will be based substantially on applicable portions of the format in subparagraph (c) below.

(c) Suggested format of report of findings:

- (1) Name of waterbody-----
- (2) Tributary to-----
- (3) Physical characteristics-----
- (i) Type: (river, bay, slough, estuary, etc.)--
- (ii) Length-----
- (iii) Approximate discharge volumes:
 - Maximum-----
 - Minimum-----
 - Mean-----
- (iv) Fall per mile-----
- (v) Extent of tidal influence-----
- (vi) Range between ordinary high and ordinary low water-----
- (vii) Description of improvements to navigation not listed in subparagraph (5) below-----
- (4) Nature and location of significant obstructions to navigation in portions of the waterbody used or potentially capable of use in interstate commerce-----
- (5) Authorized projects-----
 - (i) Nature, condition and location of any improvements made under projects authorized by Congress-----
 - (ii) Description of projects authorized but not constructed-----
 - (iii) List of known survey documents or reports describing the waterbody-----
 - (6) Past or present interstate commerce-----
 - (i) General types, extent, and period in time-----
 - (ii) Documentation if necessary-----
 - (7) Potential use for interstate commerce, if applicable-----
 - (i) If in natural condition-----
 - (ii) If improved-----
 - (8) Nature of jurisdiction known to have been exercised by Federal agencies if any-----
 - (9) State or Federal court decisions relating to navigability of the waterbody, if any-----
 - (10) Remarks-----
 - (11) Finding of navigability (with date) and recommendation for determination-----

§ 329.15 Inquiries regarding determinations.

(a) Findings and determinations should be made whenever a question arises regarding the navigability of a waterbody. Where no determination has been made, a report of findings will be prepared and forwarded to the Division Engineer, as described above. Inquiries may be answered by an interim reply which indicates that a final agency determination must be made by the Division Engineer. If a need develops for an emergency determination, District Engineers may act in reliance on a finding prepared as in § 329.14 above. The report of findings should then be forwarded to the Division Engineer on an expedited basis.

(b) Where determinations have been made by the Division Engineer, inquiries regarding the navigability of specific portions of waterbodies covered by these determinations may be answered as follows:

This Department, in the administration of the laws enacted by Congress for the protection and preservation of the navigable waters of the United States, has determined that ----- (River) (Bay) (Lake, etc.) is a navigable water of the United States from ----- to ----- Actions which modify or otherwise affect those waters are subject to the jurisdiction of this Department,

whether such actions occur within or outside the navigable areas.

(c) Specific inquiries regarding the jurisdiction of the Corps of Engineers can be answered only after a determination whether (1) the waters are navigable waters of the United States or (2) if not navigable, whether the proposed type of activity may nevertheless so affect the navigable waters of the United States that the assertion of regulatory jurisdiction is deemed necessary.

§ 329.16 Use and maintenance of lists of determinations.

(a) Tabulated lists of final determinations of navigability are to be maintained in each District office, and be updated as necessitated by court decisions, jurisdictional inquiries, or other changed conditions.

(b) It should be noted that the lists represent only those waterbodies for which determinations have been made; absence from that list should not be

taken as an indication that the waterbody is not navigable.

(c) Deletions from the list are not authorized. If a change in status of a waterbody from navigable to non-navigable is deemed necessary, an updated finding should be forwarded to the Division Engineer; changes are not considered final until a determination has been made by the Division Engineer.

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